

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045764.D
 Acq On : 14 Apr 2025 13:39
 Operator : JC/MD
 Sample : VX0414WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:28:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	84390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	147918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79938	51.798	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	5.379	113	52800	50.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.620%			
50) Toluene-d8	8.647	98	180525	49.282	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.560%			
62) 4-Bromofluorobenzene	11.079	95	70164	52.586	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25177	19.949	ug/l	99
3) Chloromethane	1.301	50	24034	18.537	ug/l	99
4) Vinyl Chloride	1.374	62	21271	17.927	ug/l	98
5) Bromomethane	1.593	94	9810	17.437	ug/l	99
6) Chloroethane	1.660	64	12569	19.966	ug/l	92
7) Trichlorofluoromethane	1.867	101	34327	19.401	ug/l	98
8) Diethyl Ether	2.130	74	12089	20.351	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	20442	19.716	ug/l	99
10) Methyl Iodide	2.441	142	23716	18.339	ug/l	96
11) Tert butyl alcohol	2.983	59	22936	110.586	ug/l	100
12) 1,1-Dichloroethene	2.306	96	18730	18.488	ug/l	95
13) Acrolein	2.233	56	20482	71.713	ug/l	97
14) Allyl chloride	2.654	41	36870	19.181	ug/l	98
15) Acrylonitrile	3.062	53	67647	103.326	ug/l	99
16) Acetone	2.386	43	67310	106.216	ug/l	98
17) Carbon Disulfide	2.502	76	35186	14.062	ug/l	99
18) Methyl Acetate	2.703	43	35975	24.657	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74785	21.102	ug/l	100
20) Methylene Chloride	2.782	84	23299	19.639	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	19659	18.994	ug/l	98
22) Diisopropyl ether	3.757	45	76893	20.307	ug/l	92
23) Vinyl Acetate	3.715	43	328786	100.499	ug/l	100
24) 1,1-Dichloroethane	3.599	63	42426	19.812	ug/l	99
25) 2-Butanone	4.556	43	99069	106.799	ug/l	99
26) 2,2-Dichloropropane	4.465	77	27713	20.030	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	24522	19.447	ug/l	97
28) Bromochloromethane	4.885	49	21396	20.676	ug/l	100
29) Tetrahydrofuran	5.001	42	62477	103.884	ug/l	99
30) Chloroform	5.086	83	45367	20.589	ug/l	97
31) Cyclohexane	5.458	56	35389	18.693	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	36960	19.823	ug/l	99
36) 1,1-Dichloropropene	5.684	75	27403	19.339	ug/l	99
37) Ethyl Acetate	4.715	43	34953	19.574	ug/l	98
38) Carbon Tetrachloride	5.666	117	29804	19.461	ug/l	93
39) Methylcyclohexane	7.373	83	33069	19.038	ug/l	95
40) Benzene	6.031	78	85247	19.698	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045764.D
 Acq On : 14 Apr 2025 13:39
 Operator : JC/MD
 Sample : VX0414WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:28:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20756	22.029	ug/l	98
42) 1,2-Dichloroethane	6.080	62	38697	21.649	ug/l	99
43) Isopropyl Acetate	6.336	43	55644	20.559	ug/l	100
44) Trichloroethene	7.117	130	20369	19.802	ug/l	90
45) 1,2-Dichloropropane	7.421	63	21845	20.231	ug/l	94
46) Dibromomethane	7.580	93	17256	20.818	ug/l	99
47) Bromodichloromethane	7.818	83	33333	20.136	ug/l	97
48) Methyl methacrylate	7.690	41	29420	21.053	ug/l	99
49) 1,4-Dioxane	7.665	88	11462	453.349	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	198754	110.777	ug/l	99
52) Toluene	8.714	92	52268	19.960	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	27784	18.944	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	31541	20.276	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	22010	21.092	ug/l	98
56) Ethyl methacrylate	9.116	69	34169	21.158	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39267	21.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	91456	111.947	ug/l	100
59) 2-Hexanone	9.427	43	145468	109.486	ug/l	100
60) Dibromochloromethane	9.519	129	23084	20.291	ug/l	99
61) 1,2-Dibromoethane	9.604	107	22121	20.941	ug/l	98
64) Tetrachloroethene	9.269	164	18574	20.013	ug/l	99
65) Chlorobenzene	10.073	112	57324	20.408	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19120	19.606	ug/l	99
67) Ethyl Benzene	10.189	91	101312	20.139	ug/l	98
68) m/p-Xylenes	10.299	106	74775	40.867	ug/l	99
69) o-Xylene	10.640	106	37281	20.683	ug/l	99
70) Styrene	10.652	104	63287	21.273	ug/l	99
71) Bromoform	10.799	173	13712	18.831	ug/l #	97
73) Isopropylbenzene	10.957	105	98459	19.836	ug/l	99
74) N-amyl acetate	10.841	43	47123	19.847	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	35192	20.183	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30561m	20.219	ug/l	
77) Bromobenzene	11.195	156	22625	19.728	ug/l	97
78) n-propylbenzene	11.299	91	113916	19.925	ug/l	99
79) 2-Chlorotoluene	11.360	91	73329	20.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84786	20.657	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7503	16.847	ug/l	88
82) 4-Chlorotoluene	11.451	91	81613	20.027	ug/l	98
83) tert-Butylbenzene	11.713	119	82310	20.256	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	84936	20.618	ug/l	99
85) sec-Butylbenzene	11.890	105	102668	20.571	ug/l	99
86) p-Isopropyltoluene	12.006	119	82958	20.161	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41772	20.010	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	42523	20.092	ug/l	97
89) n-Butylbenzene	12.329	91	71151	19.941	ug/l	100
90) Hexachloroethane	12.536	117	12995	18.377	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42989	20.712	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7560	20.732	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23989	20.764	ug/l	98
94) Hexachlorobutadiene	13.725	225	10135	20.358	ug/l	98
95) Naphthalene	13.774	128	91045	21.177	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24370	20.145	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
Data File : VX045764.D
Acq On : 14 Apr 2025 13:39
Operator : JC/MD
Sample : VX0414WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/15/2025
Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:28:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045764.D
 Acq On : 14 Apr 2025 13:39
 Operator : JC/MD
 Sample : VX0414WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:28:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

