

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045801.D
 Acq On : 16 Apr 2025 12:39
 Operator : JC/MD
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:54 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	5.543	168	87856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	155557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	86933	54.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.220%			
35) Dibromofluoromethane	5.379	113	58987	53.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	8.646	98	196683	51.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.120%			
62) 4-Bromofluorobenzene	11.079	95	76265	54.351	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	24851	18.914	ug/l	99
3) Chloromethane	1.306	50	23070	17.091	ug/l	96
4) Vinyl Chloride	1.373	62	21187	17.151	ug/l	99
5) Bromomethane	1.593	94	10130	17.295	ug/l	99
6) Chloroethane	1.672	64	12287	18.748	ug/l	100
7) Trichlorofluoromethane	1.879	101	35715	19.389	ug/l	98
8) Diethyl Ether	2.129	74	11900	19.242	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.318	101	21338	19.768	ug/l	99
10) Methyl Iodide	2.446	142	23618	17.542	ug/l	97
11) Tert butyl alcohol	2.964	59	23467	108.683	ug/l	100
12) 1,1-Dichloroethene	2.312	96	18997	18.012	ug/l	96
13) Acrolein	2.233	56	23340	78.496	ug/l	99
14) Allyl chloride	2.660	41	38368	19.173	ug/l	99
15) Acrylonitrile	3.062	53	71328	104.650	ug/l	99
16) Acetone	2.379	43	66208	100.355	ug/l	99
17) Carbon Disulfide	2.501	76	38642	14.834	ug/l	99
18) Methyl Acetate	2.702	43	37874	24.934	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	77510	21.008	ug/l	98
20) Methylene Chloride	2.782	84	23309	18.872	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	19618	18.207	ug/l	99
22) Diisopropyl ether	3.757	45	79262	20.107	ug/l #	86
23) Vinyl Acetate	3.720	43	339884	99.793	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42449	19.041	ug/l	97
25) 2-Butanone	4.550	43	102829	106.479	ug/l	99
26) 2,2-Dichloropropane	4.464	77	31433	21.823	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	24812	18.900	ug/l	98
28) Bromochloromethane	4.897	49	22529	20.912	ug/l	100
29) Tetrahydrofuran	5.001	42	63966	102.164	ug/l	99
30) Chloroform	5.080	83	45977	20.043	ug/l	97
31) Cyclohexane	5.458	56	35724	18.126	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	38638	19.906	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28481	19.112	ug/l	99
37) Ethyl Acetate	4.714	43	36657	19.520	ug/l	98
38) Carbon Tetrachloride	5.671	117	31865	19.785	ug/l	95
39) Methylcyclohexane	7.372	83	35094	19.212	ug/l	96
40) Benzene	6.031	78	86831	19.079	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045801.D
 Acq On : 16 Apr 2025 12:39
 Operator : JC/MD
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:54 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	4.915	41	22229	22.434	ug/l	97
42) 1,2-Dichloroethane	6.086	62	39385	20.952	ug/l	99
43) Isopropyl Acetate	6.336	43	57906	20.344	ug/l	99
44) Trichloroethene	7.116	130	20068	18.552	ug/l	89
45) 1,2-Dichloropropane	7.427	63	22646	19.943	ug/l	99
46) Dibromomethane	7.580	93	17433	19.999	ug/l	97
47) Bromodichloromethane	7.817	83	34562	19.854	ug/l	99
48) Methyl methacrylate	7.689	41	30732	20.912	ug/l	98
49) 1,4-Dioxane	7.659	88	11765	442.482	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	206961	109.686	ug/l	98
52) Toluene	8.713	92	53091	19.278	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29771	19.258	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	33125	20.249	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	22846	20.818	ug/l	95
56) Ethyl methacrylate	9.116	69	35457	20.877	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39129	20.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	84260	98.074	ug/l	100
59) 2-Hexanone	9.427	43	153170	109.622	ug/l	100
60) Dibromochloromethane	9.518	129	24174	20.206	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23320	20.992	ug/l	97
64) Tetrachloroethene	9.268	164	18792	19.357	ug/l	94
65) Chlorobenzene	10.079	112	57965	19.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20528	20.123	ug/l	99
67) Ethyl Benzene	10.189	91	104457	19.849	ug/l	99
68) m/p-Xylenes	10.299	106	76653	40.048	ug/l	99
69) o-Xylene	10.640	106	37427	19.850	ug/l	99
70) Styrene	10.652	104	62215	19.992	ug/l	98
71) Bromoform	10.798	173	15183	19.933	ug/l #	96
73) Isopropylbenzene	10.963	105	99759	19.097	ug/l	100
74) N-amyl acetate	10.841	43	49240	19.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35966	19.599	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	31084m	19.540	ug/l	
77) Bromobenzene	11.195	156	23388	19.377	ug/l	98
78) n-propylbenzene	11.298	91	115002	19.113	ug/l	100
79) 2-Chlorotoluene	11.359	91	74729	19.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84999	19.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8674	18.506	ug/l	94
82) 4-Chlorotoluene	11.451	91	85155	19.855	ug/l	99
83) tert-Butylbenzene	11.713	119	85181	19.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	85190	19.649	ug/l	100
85) sec-Butylbenzene	11.890	105	105375	20.061	ug/l	100
86) p-Isopropyltoluene	12.006	119	84535	19.521	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42176	19.196	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	42153	18.925	ug/l	94
89) n-Butylbenzene	12.329	91	73547	19.585	ug/l	100
90) Hexachloroethane	12.536	117	14766	19.840	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42843	19.613	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8361	21.786	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	23654	19.454	ug/l	98
94) Hexachlorobutadiene	13.725	225	10799	20.611	ug/l	98
95) Naphthalene	13.774	128	91763	20.280	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24916	19.570	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045801.D
Acq On : 16 Apr 2025 12:39
Operator : JC/MD
Sample : VX0416WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:54 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

Manual Integrations APPROVED

Quant Time: Apr 17 01:35:54 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

