

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045869.D
 Acq On : 21 Apr 2025 10:33
 Operator : JC/MD
 Sample : VX0421WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2025
 Supervised By : Semsettin Yesilyurt 04/22/2025

Quant Time: Apr 22 01:23:29 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	84189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82678	53.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.400%			
35) Dibromofluoromethane	5.379	113	56552	54.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	8.647	98	190127	52.704	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.400%			
62) 4-Bromofluorobenzene	11.079	95	71146	54.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24299	19.300	ug/l	99
3) Chloromethane	1.307	50	22311	17.249	ug/l	99
4) Vinyl Chloride	1.374	62	20954	17.702	ug/l	99
5) Bromomethane	1.593	94	9638	17.172	ug/l	97
6) Chloroethane	1.672	64	12187	19.405	ug/l	94
7) Trichlorofluoromethane	1.874	101	35334	20.017	ug/l	100
8) Diethyl Ether	2.130	74	11637	19.637	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	21960	21.231	ug/l	98
10) Methyl Iodide	2.447	142	24661	19.115	ug/l	99
11) Tert butyl alcohol	2.971	59	24492	118.371	ug/l	98
12) 1,1-Dichloroethene	2.313	96	19141	18.939	ug/l	98
13) Acrolein	2.233	56	11093	38.932	ug/l	98
14) Allyl chloride	2.654	41	39012	20.343	ug/l	99
15) Acrylonitrile	3.062	53	69094	105.788	ug/l	100
16) Acetone	2.380	43	64868	102.606	ug/l	100
17) Carbon Disulfide	2.502	76	38829	15.555	ug/l	98
18) Methyl Acetate	2.703	43	38286	26.303	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74340	21.026	ug/l	96
20) Methylene Chloride	2.782	84	22932	19.375	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19247	18.640	ug/l	98
22) Diisopropyl ether	3.757	45	77391	20.487	ug/l #	86
23) Vinyl Acetate	3.715	43	331504	101.572	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42526	19.906	ug/l	100
25) 2-Butanone	4.556	43	100468	108.565	ug/l	97
26) 2,2-Dichloropropane	4.471	77	32573	23.599	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24572	19.533	ug/l	97
28) Bromochloromethane	4.891	49	21287	20.620	ug/l	96
29) Tetrahydrofuran	5.001	42	61827	103.049	ug/l	98
30) Chloroform	5.086	83	46364	21.092	ug/l	99
31) Cyclohexane	5.464	56	35074	18.571	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	38345	20.615	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27382	19.622	ug/l	98
37) Ethyl Acetate	4.715	43	33920	19.288	ug/l	97
38) Carbon Tetrachloride	5.672	117	31853	21.120	ug/l	95
39) Methylcyclohexane	7.373	83	34855	20.376	ug/l	97
40) Benzene	6.031	78	85086	19.964	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045869.D
 Acq On : 21 Apr 2025 10:33
 Operator : JC/MD
 Sample : VX0421WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/22/2025
 Supervised By :Semsettin Yesilyurt 04/22/2025

Quant Time: Apr 22 01:23:29 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	4.922	41	20899	22.523	ug/l	100
42) 1,2-Dichloroethane	6.086	62	38033	21.606	ug/l	100
43) Isopropyl Acetate	6.336	43	57818	21.692	ug/l	99
44) Trichloroethene	7.123	130	21034	20.764	ug/l	92
45) 1,2-Dichloropropane	7.421	63	22284	20.956	ug/l	92
46) Dibromomethane	7.580	93	17494	21.431	ug/l	99
47) Bromodichloromethane	7.818	83	35703	21.901	ug/l	94
48) Methyl methacrylate	7.690	41	30146	21.906	ug/l	99
49) 1,4-Dioxane	7.659	88	11807	474.202	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	199851	113.107	ug/l	100
52) Toluene	8.714	92	52768	20.461	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29781	20.416	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	32751	21.379	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	22674	22.064	ug/l	94
56) Ethyl methacrylate	9.116	69	35260	22.170	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38592	21.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	79933	99.352	ug/l	100
59) 2-Hexanone	9.427	43	148666	113.620	ug/l	99
60) Dibromochloromethane	9.519	129	24954	22.274	ug/l	98
61) 1,2-Dibromoethane	9.604	107	22528	21.655	ug/l	98
64) Tetrachloroethene	9.269	164	19806	21.992	ug/l	98
65) Chlorobenzene	10.079	112	57345	21.039	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	20353	21.508	ug/l	99
67) Ethyl Benzene	10.189	91	101917	20.877	ug/l	99
68) m/p-Xylenes	10.299	106	75468	42.505	ug/l	99
69) o-Xylene	10.640	106	36957	21.130	ug/l	99
70) Styrene	10.653	104	62078	21.504	ug/l	100
71) Bromoform	10.799	173	15212	21.529	ug/l #	94
73) Isopropylbenzene	10.957	105	100230	21.260	ug/l	100
74) N-amyl acetate	10.842	43	47861	21.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35255	21.288	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	30397m	21.173	ug/l	
77) Bromobenzene	11.195	156	22566	20.716	ug/l	98
78) n-propylbenzene	11.305	91	113967	20.987	ug/l	99
79) 2-Chlorotoluene	11.360	91	73051	21.043	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	82908	21.267	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8646	20.439	ug/l	95
82) 4-Chlorotoluene	11.451	91	81445	21.042	ug/l	99
83) tert-Butylbenzene	11.713	119	82833	21.462	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	83141	21.249	ug/l	99
85) sec-Butylbenzene	11.890	105	102104	21.539	ug/l	99
86) p-Isopropyltoluene	12.006	119	83513	21.369	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40897	20.626	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42772	21.278	ug/l	99
89) n-Butylbenzene	12.329	91	72453	21.379	ug/l	100
90) Hexachloroethane	12.536	117	14751	21.962	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	43646	22.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8530	24.628	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	24411	22.246	ug/l	98
94) Hexachlorobutadiene	13.719	225	10490	22.185	ug/l	98
95) Naphthalene	13.774	128	88922	21.776	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24967	21.729	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
Data File : VX045869.D
Acq On : 21 Apr 2025 10:33
Operator : JC/MD
Sample : VX0421WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2025
Supervised By :Semsettin Yesilyurt 04/22/2025

Quant Time: Apr 22 01:23:29 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 22 01:23:29 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

