

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045794.D
 Acq On : 15 Apr 2025 13:59
 Operator : JC/MD
 Sample : VX0415WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2025
 Supervised By : Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 01:39:55 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	90861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89183	53.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.340%			
35) Dibromofluoromethane	5.379	113	60378	52.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.641	98	205722	51.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	11.079	95	79288	54.338	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25615	18.851	ug/l	96
3) Chloromethane	1.307	50	25256	18.092	ug/l	97
4) Vinyl Chloride	1.374	62	22463	17.583	ug/l	97
5) Bromomethane	1.593	94	10261	16.939	ug/l	98
6) Chloroethane	1.672	64	13658	20.150	ug/l	93
7) Trichlorofluoromethane	1.874	101	36558	19.190	ug/l	97
8) Diethyl Ether	2.136	74	12285	19.208	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	21194	18.986	ug/l	99
10) Methyl Iodide	2.447	142	25868	18.578	ug/l	99
11) Tert butyl alcohol	2.977	59	21350	95.608	ug/l	99
12) 1,1-Dichloroethene	2.313	96	19990	18.326	ug/l	98
13) Acrolein	2.233	56	29620	96.322	ug/l	98
14) Allyl chloride	2.660	41	39820	19.240	ug/l	100
15) Acrylonitrile	3.062	53	68869	97.700	ug/l	98
16) Acetone	2.380	43	65282	95.679	ug/l	98
17) Carbon Disulfide	2.502	76	39106	14.516	ug/l	99
18) Methyl Acetate	2.703	43	36687	23.354	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	78793	20.649	ug/l	99
20) Methylene Chloride	2.782	84	23718	18.568	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	19761	17.733	ug/l	98
22) Diisopropyl ether	3.757	45	81701	20.040	ug/l	88
23) Vinyl Acetate	3.715	43	342334	97.188	ug/l	98
24) 1,1-Dichloroethane	3.605	63	44642	19.362	ug/l	98
25) 2-Butanone	4.556	43	99311	99.435	ug/l	98
26) 2,2-Dichloropropane	4.471	77	30206	20.277	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	26021	19.166	ug/l	99
28) Bromochloromethane	4.897	49	23568	21.153	ug/l	99
29) Tetrahydrofuran	5.001	42	61635	95.185	ug/l	99
30) Chloroform	5.086	83	47107	19.856	ug/l	100
31) Cyclohexane	5.464	56	37168	18.235	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	39318	19.586	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29249	18.875	ug/l	98
37) Ethyl Acetate	4.715	43	36600	18.742	ug/l	98
38) Carbon Tetrachloride	5.666	117	32426	19.362	ug/l	99
39) Methylcyclohexane	7.373	83	35088	18.472	ug/l	97
40) Benzene	6.031	78	89642	18.941	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045794.D
 Acq On : 15 Apr 2025 13:59
 Operator : JC/MD
 Sample : VX0415WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Quant Time: Apr 16 01:39:55 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21182	20.558	ug/l	99
42) 1,2-Dichloroethane	6.080	62	39770	20.346	ug/l	99
43) Isopropyl Acetate	6.336	43	59398	20.068	ug/l	99
44) Trichloroethene	7.123	130	21143	18.796	ug/l	99
45) 1,2-Dichloropropane	7.421	63	22817	19.323	ug/l	97
46) Dibromomethane	7.580	93	18062	19.926	ug/l	97
47) Bromodichloromethane	7.818	83	34963	19.314	ug/l	98
48) Methyl methacrylate	7.690	41	30484	19.948	ug/l	99
49) 1,4-Dioxane	7.659	88	10886	393.721	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	205608	104.790	ug/l	99
52) Toluene	8.714	92	54877	19.162	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29394	18.401	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	32921	19.352	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	22725	19.914	ug/l	97
56) Ethyl methacrylate	9.116	69	36851	20.866	ug/l	100
57) 1,3-Dichloropropane	9.305	76	40099	20.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	98585	110.346	ug/l	99
59) 2-Hexanone	9.427	43	150680	103.704	ug/l	99
60) Dibromochloromethane	9.519	129	24631	19.798	ug/l	97
61) 1,2-Dibromoethane	9.604	107	22811	19.746	ug/l	99
64) Tetrachloroethene	9.269	164	19737	19.628	ug/l	97
65) Chlorobenzene	10.073	112	60284	19.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20644	19.538	ug/l	98
67) Ethyl Benzene	10.189	91	108063	19.826	ug/l	99
68) m/p-Xylenes	10.299	106	78386	39.540	ug/l	98
69) o-Xylene	10.640	106	40299	20.635	ug/l	98
70) Styrene	10.652	104	65517	20.326	ug/l	99
71) Bromoform	10.799	173	14744	18.689	ug/l #	97
73) Isopropylbenzene	10.957	105	105373	19.223	ug/l	100
74) N-amyl acetate	10.841	43	50602	19.298	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35920	18.654	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31959m	19.146	ug/l	
77) Bromobenzene	11.195	156	23287	18.386	ug/l	95
78) n-propylbenzene	11.299	91	119695	18.957	ug/l	100
79) 2-Chlorotoluene	11.360	91	75219	18.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	87453	19.293	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8223	16.719	ug/l	89
82) 4-Chlorotoluene	11.451	91	86561	19.234	ug/l	98
83) tert-Butylbenzene	11.713	119	85234	18.993	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	89727	19.722	ug/l	99
85) sec-Butylbenzene	11.890	105	107529	19.508	ug/l	100
86) p-Isopropyltoluene	12.006	119	87694	19.298	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43006	18.654	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44235	18.926	ug/l	99
89) n-Butylbenzene	12.329	91	74703	18.957	ug/l	98
90) Hexachloroethane	12.536	117	14359	18.386	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	44631	19.471	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8034	19.949	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	24002	18.812	ug/l	99
94) Hexachlorobutadiene	13.725	225	10393	18.903	ug/l	94
95) Naphthalene	13.774	128	95192	20.049	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	25291	18.930	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
Data File : VX045794.D
Acq On : 15 Apr 2025 13:59
Operator : JC/MD
Sample : VX0415WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 01:39:55 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

