

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045379.D
 Acq On : 21 Mar 2025 11:44
 Operator : JC/MD
 Sample : VX0321WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2025
 Supervised By :Mahesh Dadoda 03/24/2025

Quant Time: Mar 21 23:12:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	88784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73613	52.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.260%			
35) Dibromofluoromethane	5.373	113	54254	52.447	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	8.647	98	187592	50.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.079	95	69851	56.208	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21002	18.792	ug/l	96
3) Chloromethane	1.301	50	23651	17.293	ug/l	98
4) Vinyl Chloride	1.374	62	21664	15.967	ug/l	96
5) Bromomethane	1.593	94	10043	18.830	ug/l	89
6) Chloroethane	1.666	64	12723	20.330	ug/l	97
7) Trichlorofluoromethane	1.874	101	34670	19.303	ug/l	97
8) Diethyl Ether	2.130	74	12081	17.197	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	23682	22.950	ug/l	97
10) Methyl Iodide	2.441	142	25242	19.574	ug/l	95
11) Tert butyl alcohol	2.977	59	22771	85.125	ug/l	98
12) 1,1-Dichloroethene	2.306	96	20857	19.118	ug/l	94
13) Acrolein	2.233	56	13965	45.162	ug/l	95
14) Allyl chloride	2.654	41	40049	20.623	ug/l	95
15) Acrylonitrile	3.062	53	70269	98.013	ug/l	97
16) Acetone	2.380	43	82574	126.022	ug/l	96
17) Carbon Disulfide	2.502	76	42692	14.692	ug/l	97
18) Methyl Acetate	2.703	43	41264	26.178	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	73146	19.984	ug/l	97
20) Methylene Chloride	2.782	84	23986	18.480	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	20642	19.152	ug/l	94
22) Diisopropyl ether	3.757	45	79939	20.240	ug/l #	84
23) Vinyl Acetate	3.715	43	323078	98.025	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44414	20.066	ug/l	99
25) 2-Butanone	4.556	43	107411	108.904	ug/l	97
26) 2,2-Dichloropropane	4.465	77	31826	30.655	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	26106	19.621	ug/l	93
28) Bromochloromethane	4.891	49	22037	20.888	ug/l	99
29) Tetrahydrofuran	5.001	42	63470	95.826	ug/l	99
30) Chloroform	5.086	83	46384	21.090	ug/l	96
31) Cyclohexane	5.458	56	37320	19.424	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	36633	20.623	ug/l	97
36) 1,1-Dichloropropene	5.690	75	28092	19.802	ug/l	98
37) Ethyl Acetate	4.715	43	36189	19.797	ug/l	99
38) Carbon Tetrachloride	5.672	117	31516	21.882	ug/l	99
39) Methylcyclohexane	7.373	83	36393	21.409	ug/l	97
40) Benzene	6.031	78	90580	20.220	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045379.D
 Acq On : 21 Mar 2025 11:44
 Operator : JC/MD
 Sample : VX0321WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2025
 Supervised By :Mahesh Dadoda 03/24/2025

Quant Time: Mar 21 23:12:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21594	21.847	ug/l	98
42) 1,2-Dichloroethane	6.080	62	36498	22.625	ug/l	98
43) Isopropyl Acetate	6.336	43	56196	20.789	ug/l	99
44) Trichloroethene	7.123	130	20524	19.512	ug/l	95
45) 1,2-Dichloropropane	7.428	63	23865	20.720	ug/l	95
46) Dibromomethane	7.580	93	17802	21.867	ug/l	96
47) Bromodichloromethane	7.818	83	34978	21.905	ug/l	100
48) Methyl methacrylate	7.690	41	29373	21.659	ug/l	96
49) 1,4-Dioxane	7.665	88	11610	405.858	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	205592	113.274	ug/l	98
52) Toluene	8.714	92	55837	21.244	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29070	21.776	ug/l #	88
54) cis-1,3-Dichloropropene	8.360	75	33761	21.688	ug/l	90
55) 1,1,2-Trichloroethane	9.147	97	23242	21.480	ug/l	99
56) Ethyl methacrylate	9.116	69	35847	21.795	ug/l	96
57) 1,3-Dichloropropane	9.305	76	40668	21.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	82785	103.181	ug/l	99
59) 2-Hexanone	9.427	43	156358	118.900	ug/l	97
60) Dibromochloromethane	9.519	129	25213	22.285	ug/l	98
61) 1,2-Dibromoethane	9.604	107	23184	21.463	ug/l	99
64) Tetrachloroethene	9.269	164	18545	21.189	ug/l	96
65) Chlorobenzene	10.079	112	61397	21.233	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20066	20.838	ug/l	99
67) Ethyl Benzene	10.189	91	106925	21.222	ug/l	99
68) m/p-Xylenes	10.299	106	80892	43.857	ug/l	100
69) o-Xylene	10.640	106	39391	21.175	ug/l	99
70) Styrene	10.653	104	67297	22.358	ug/l	99
71) Bromoform	10.799	173	15568	21.439	ug/l #	99
73) Isopropylbenzene	10.957	105	104839	20.663	ug/l	99
74) N-amyl acetate	10.842	43	48440	20.347	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37438	20.108	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	31342m	20.716	ug/l	
77) Bromobenzene	11.195	156	23524	19.651	ug/l	93
78) n-propylbenzene	11.305	91	122765	21.420	ug/l	98
79) 2-Chlorotoluene	11.360	91	76053	20.836	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	88202	21.500	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8459	19.134	ug/l #	83
82) 4-Chlorotoluene	11.451	91	85059	21.382	ug/l	100
83) tert-Butylbenzene	11.713	119	88614	21.023	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	88616	21.468	ug/l	100
85) sec-Butylbenzene	11.890	105	111675	22.117	ug/l	100
86) p-Isopropyltoluene	12.006	119	90962	22.292	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44621	20.894	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44465	20.580	ug/l	97
89) n-Butylbenzene	12.329	91	79044	22.491	ug/l	100
90) Hexachloroethane	12.536	117	14965	20.276	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	43871	20.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7767	21.413	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	25793	21.145	ug/l	99
94) Hexachlorobutadiene	13.725	225	11405	22.805	ug/l	98
95) Naphthalene	13.774	128	94308	20.123	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26884	20.891	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
Data File : VX045379.D
Acq On : 21 Mar 2025 11:44
Operator : JC/MD
Sample : VX0321WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2025
Supervised By :Mahesh Dadoda 03/24/2025

Quant Time: Mar 21 23:12:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

