

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045845.D
 Acq On : 18 Apr 2025 10:18
 Operator : JC/MD
 Sample : VX0418WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 23:33:58 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	90487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76952	46.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.000%		
35) Dibromofluoromethane	5.379	113	51631	45.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	8.647	98	173844	43.830	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.660%		
62) 4-Bromofluorobenzene	11.079	95	66853	46.273	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24865	18.375	ug/l	98
3) Chloromethane	1.307	50	23718	17.061	ug/l	95
4) Vinyl Chloride	1.374	62	22075	17.351	ug/l	98
5) Bromomethane	1.599	94	10435	17.298	ug/l	95
6) Chloroethane	1.672	64	12571	18.623	ug/l	100
7) Trichlorofluoromethane	1.873	101	36130	19.044	ug/l	99
8) Diethyl Ether	2.136	74	12444	19.537	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	22101	19.880	ug/l	97
10) Methyl Iodide	2.447	142	25581	18.448	ug/l	99
11) Tert butyl alcohol	2.971	59	22771	102.393	ug/l	97
12) 1,1-Dichloroethene	2.312	96	19232	17.704	ug/l	97
13) Acrolein	2.233	56	18244	59.573	ug/l	98
14) Allyl chloride	2.660	41	39156	18.997	ug/l	98
15) Acrylonitrile	3.062	53	70727	100.751	ug/l	99
16) Acetone	2.380	43	66472	97.825	ug/l	98
17) Carbon Disulfide	2.501	76	37943	14.142	ug/l	98
18) Methyl Acetate	2.703	43	38274	24.465	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	79515	20.925	ug/l	98
20) Methylene Chloride	2.788	84	24059	18.913	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	19781	17.824	ug/l	97
22) Diisopropyl ether	3.757	45	82099	20.221	ug/l #	83
23) Vinyl Acetate	3.721	43	348924	99.468	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43978	19.153	ug/l	98
25) 2-Butanone	4.556	43	101700	102.248	ug/l	98
26) 2,2-Dichloropropane	4.464	77	31948	21.535	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	26146	19.338	ug/l	99
28) Bromochloromethane	4.891	49	22761	20.513	ug/l	99
29) Tetrahydrofuran	5.001	42	64281	99.682	ug/l	99
30) Chloroform	5.086	83	47336	20.035	ug/l	95
31) Cyclohexane	5.464	56	36096	17.782	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	38590	19.303	ug/l	100
36) 1,1-Dichloropropene	5.684	75	27890	18.178	ug/l	100
37) Ethyl Acetate	4.714	43	37945	19.625	ug/l	100
38) Carbon Tetrachloride	5.672	117	32307	19.483	ug/l	93
39) Methylcyclohexane	7.372	83	35777	19.023	ug/l	95
40) Benzene	6.031	78	88653	18.919	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045845.D
 Acq On : 18 Apr 2025 10:18
 Operator : JC/MD
 Sample : VX0418WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Quant Time: Apr 18 23:33:58 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 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22537	22.091	ug/l	97
42) 1,2-Dichloroethane	6.080	62	40699	21.029	ug/l	100
43) Isopropyl Acetate	6.336	43	60175	20.534	ug/l	99
44) Trichloroethene	7.123	130	20699	18.585	ug/l	95
45) 1,2-Dichloropropane	7.421	63	23256	19.891	ug/l	99
46) Dibromomethane	7.580	93	18314	20.405	ug/l	99
47) Bromodichloromethane	7.818	83	35937	20.050	ug/l	96
48) Methyl methacrylate	7.690	41	31714	20.960	ug/l	98
49) 1,4-Dioxane	7.659	88	11977	437.501	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	206572	106.332	ug/l	99
52) Toluene	8.714	92	54527	19.230	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30249	19.035	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	34898	20.719	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	23690	20.966	ug/l	97
56) Ethyl methacrylate	9.116	69	37434	21.407	ug/l	98
57) 1,3-Dichloropropane	9.305	76	40429	20.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	93579	105.788	ug/l	100
59) 2-Hexanone	9.427	43	153232	106.512	ug/l	98
60) Dibromochloromethane	9.518	129	25290	20.531	ug/l	100
61) 1,2-Dibromoethane	9.610	107	23480	20.528	ug/l	98
64) Tetrachloroethene	9.268	164	18769	19.222	ug/l	96
65) Chlorobenzene	10.079	112	59974	20.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21545	20.999	ug/l	97
67) Ethyl Benzene	10.189	91	105881	20.005	ug/l	100
68) m/p-Xylenes	10.299	106	77007	40.003	ug/l	99
69) o-Xylene	10.640	106	39349	20.750	ug/l	100
70) Styrene	10.652	104	63897	20.415	ug/l	98
71) Bromoform	10.799	173	15777	20.595	ug/l #	97
73) Isopropylbenzene	10.957	105	103786	19.993	ug/l	100
74) N-amyl acetate	10.841	43	49895	20.094	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37849	20.756	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31911m	20.187	ug/l	
77) Bromobenzene	11.195	156	23837	19.874	ug/l	98
78) n-propylbenzene	11.299	91	116129	19.422	ug/l	100
79) 2-Chlorotoluene	11.360	91	74099	19.385	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	87090	20.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	18.110	ug/l	86
82) 4-Chlorotoluene	11.451	91	84059	19.724	ug/l	99
83) tert-Butylbenzene	11.713	119	86918	20.453	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	87893	20.401	ug/l	99
85) sec-Butylbenzene	11.890	105	105715	20.253	ug/l	100
86) p-Isopropyltoluene	12.006	119	86753	20.160	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42155	19.308	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	41849	18.907	ug/l	97
89) n-Butylbenzene	12.329	91	75965	20.357	ug/l	99
90) Hexachloroethane	12.536	117	14781	19.986	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44482	20.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8435	22.118	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	25160	20.824	ug/l	98
94) Hexachlorobutadiene	13.725	225	10270	19.725	ug/l	93
95) Naphthalene	13.774	128	93155	20.718	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25544	20.190	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
Data File : VX045845.D
Acq On : 18 Apr 2025 10:18
Operator : JC/MD
Sample : VX0418WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

Quant Time: Apr 18 23:33:58 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

