

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047821.D
 Acq On : 25 Sep 2025 18:27
 Operator : JC/MD
 Sample : Q3165-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-320-322MS

Quant Time: Sep 26 01:33:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	135494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	257414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122958	57.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.020%			
35) Dibromofluoromethane	5.373	113	91891	53.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	8.635	98	302587	50.655	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.061	95	120831	53.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	76674	54.648	ug/l	99
3) Chloromethane	1.301	50	98626	53.485	ug/l	99
4) Vinyl Chloride	1.380	62	98020	54.302	ug/l	98
5) Bromomethane	1.611	94	58949	51.501	ug/l	98
6) Chloroethane	1.697	64	63761	52.850	ug/l	99
7) Trichlorofluoromethane	1.898	101	138453	51.658	ug/l	99
8) Diethyl Ether	2.136	74	59720	54.470	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	76229	48.641	ug/l	98
10) Methyl Iodide	2.459	142	108557	44.415	ug/l	99
11) Tert butyl alcohol	2.947	59	60604	252.305	ug/l	99
12) 1,1-Dichloroethene	2.325	96	83445	51.835	ug/l	93
13) Acrolein	2.239	56	56296	254.331	ug/l	99
14) Allyl chloride	2.666	41	148087	44.579	ug/l	96
15) Acrylonitrile	3.062	53	268561	301.848	ug/l	98
16) Acetone	2.374	43	220972	235.641	ug/l	97
17) Carbon Disulfide	2.520	76	227641	51.654	ug/l	99
18) Methyl Acetate	2.703	43	86796	41.590	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	308529	52.502	ug/l	98
20) Methylene Chloride	2.788	84	104383	52.587	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	92664	53.465	ug/l	96
22) Diisopropyl ether	3.757	45	342075	53.134	ug/l	89
23) Vinyl Acetate	3.715	43	915403	177.660	ug/l	100
24) 1,1-Dichloroethane	3.611	63	182666	53.383	ug/l	98
25) 2-Butanone	4.544	43	319667	273.284	ug/l	99
26) 2,2-Dichloropropane	4.471	77	45951	16.155	ug/l	85
27) cis-1,2-Dichloroethene	4.483	96	110970	52.282	ug/l	92
28) Bromochloromethane	4.891	49	84490	56.559	ug/l	100
29) Tetrahydrofuran	4.995	42	208037	295.642	ug/l	98
30) Chloroform	5.080	83	186106	53.822	ug/l	98
31) Cyclohexane	5.458	56	132989	46.664	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	148866	50.756	ug/l	98
36) 1,1-Dichloropropene	5.684	75	116268	46.090	ug/l	99
37) Ethyl Acetate	4.702	43	97367	36.048	ug/l	99
38) Carbon Tetrachloride	5.666	117	127279	46.438	ug/l	97
39) Methylcyclohexane	7.367	83	115594	40.368	ug/l	97
40) Benzene	6.025	78	380825	49.704	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047821.D
 Acq On : 25 Sep 2025 18:27
 Operator : JC/MD
 Sample : Q3165-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-320-322MS

Quant Time: Sep 26 01:33:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	75954	54.471	ug/l	98
42) 1,2-Dichloroethane	6.074	62	141033	48.378	ug/l	97
43) Isopropyl Acetate	6.324	43	180870	40.830	ug/l	100
44) Trichloroethene	7.111	130	89220	48.166	ug/l	96
45) 1,2-Dichloropropane	7.415	63	98545	50.229	ug/l	100
46) Dibromomethane	7.568	93	71714	50.231	ug/l	97
47) Bromodichloromethane	7.806	83	147433	50.043	ug/l	97
48) Methyl methacrylate	7.677	41	109524	49.636	ug/l	96
49) 1,4-Dioxane	7.647	88	27656	1240.210	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	678398	276.211	ug/l	100
52) Toluene	8.702	92	230973	48.930	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	122223	40.672	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	131647	40.987	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	93726	51.493	ug/l	97
56) Ethyl methacrylate	9.104	69	147754	51.689	ug/l	95
57) 1,3-Dichloropropane	9.293	76	163602	52.323	ug/l	98
59) 2-Hexanone	9.415	43	466801	264.631	ug/l	98
60) Dibromochloromethane	9.506	129	107503	51.259	ug/l	100
61) 1,2-Dibromoethane	9.592	107	98261	53.001	ug/l	99
64) Tetrachloroethene	9.263	164	67359	42.420	ug/l	97
65) Chlorobenzene	10.061	112	252686	45.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	89761	47.007	ug/l	99
67) Ethyl Benzene	10.177	91	428505	44.879	ug/l	100
68) m/p-Xylenes	10.287	106	321516	90.470	ug/l	98
69) o-Xylene	10.628	106	156445	45.513	ug/l	99
70) Styrene	10.640	104	256077	42.517	ug/l	98
71) Bromoform	10.787	173	68186	47.822	ug/l #	100
73) Isopropylbenzene	10.945	105	392521	42.335	ug/l	99
74) N-amyl acetate	10.829	43	131747	31.160	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	135441	48.282	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	114963m	46.559	ug/l	
77) Bromobenzene	11.183	156	101115	44.279	ug/l	97
78) n-propylbenzene	11.287	91	457503	41.741	ug/l	100
79) 2-Chlorotoluene	11.348	91	287129	42.772	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	315443	41.410	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	28035	28.954	ug/l	98
82) 4-Chlorotoluene	11.439	91	334200	42.152	ug/l	99
83) tert-Butylbenzene	11.695	119	326392	41.856	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	321947	41.687	ug/l	100
85) sec-Butylbenzene	11.872	105	376069	40.602	ug/l	100
86) p-Isopropyltoluene	11.994	119	311233	39.690	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	179265	42.264	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	183970	42.260	ug/l	99
89) n-Butylbenzene	12.317	91	270965	37.344	ug/l	99
90) Hexachloroethane	12.518	117	58360	42.390	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	178993	44.295	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	26343	46.383	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	102648	39.085	ug/l	100
94) Hexachlorobutadiene	13.707	225	28659	32.127	ug/l	100
95) Naphthalene	13.756	128	354407	44.317	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	100379	41.089	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047821.D
Acq On : 25 Sep 2025 18:27
Operator : JC/MD
Sample : Q3165-09MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 26 01:33:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

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

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

