

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048006.D
 Acq On : 03 Oct 2025 19:22
 Operator : JC/MD
 Sample : Q3248-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-685-687MSD

Quant Time: Oct 03 23:56:32 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 :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	118835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	215532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	195286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101227	53.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.040%			
35) Dibromofluoromethane	5.373	113	78270	54.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.300%			
50) Toluene-d8	8.635	98	266229	53.228	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.460%			
62) 4-Bromofluorobenzene	11.067	95	100272	52.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	60444	49.119	ug/l	98
3) Chloromethane	1.301	50	79035	48.869	ug/l	99
4) Vinyl Chloride	1.380	62	80143	50.623	ug/l	98
5) Bromomethane	1.611	94	52606	52.402	ug/l	100
6) Chloroethane	1.691	64	54455	51.464	ug/l	99
7) Trichlorofluoromethane	1.892	101	122299	52.028	ug/l	99
8) Diethyl Ether	2.136	74	51136	53.179	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	69101	50.274	ug/l	99
10) Methyl Iodide	2.459	142	103619	48.338	ug/l	99
11) Tert butyl alcohol	2.947	59	57324	272.105	ug/l	99
12) 1,1-Dichloroethene	2.325	96	73753	52.237	ug/l	97
13) Acrolein	2.239	56	64410	331.780	ug/l	99
14) Allyl chloride	2.666	41	144200	49.494	ug/l	97
15) Acrylonitrile	3.056	53	235106	301.290	ug/l	100
16) Acetone	2.373	43	187530	228.013	ug/l	98
17) Carbon Disulfide	2.514	76	176169	45.579	ug/l	98
18) Methyl Acetate	2.703	43	109734	59.952	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	283336	54.974	ug/l	98
20) Methylene Chloride	2.788	84	92328	53.034	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	79584	52.356	ug/l	97
22) Diisopropyl ether	3.751	45	315569	55.889	ug/l	86
23) Vinyl Acetate	3.715	43	1180090	261.137	ug/l	99
24) 1,1-Dichloroethane	3.611	63	165919	55.286	ug/l	98
25) 2-Butanone	4.544	43	288126	280.850	ug/l	97
26) 2,2-Dichloropropane	4.471	77	113546	45.515	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	101378	54.458	ug/l	97
28) Bromochloromethane	4.885	49	70748	53.999	ug/l	99
29) Tetrahydrofuran	4.989	42	180110	291.836	ug/l	99
30) Chloroform	5.086	83	171962	56.703	ug/l	98
31) Cyclohexane	5.464	56	115055	46.031	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	141714	55.091	ug/l	99
36) 1,1-Dichloropropene	5.684	75	105253	49.831	ug/l	99
37) Ethyl Acetate	4.696	43	114186	50.490	ug/l	98
38) Carbon Tetrachloride	5.672	117	118444	51.611	ug/l	95
39) Methylcyclohexane	7.366	83	104965	43.779	ug/l	98
40) Benzene	6.025	78	342061	53.320	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	65715	56.285	ug/l	98
42) 1,2-Dichloroethane	6.074	62	131106	53.712	ug/l	99
43) Isopropyl Acetate	6.324	43	196350	52.938	ug/l	99
44) Trichloroethene	7.110	130	81193	52.350	ug/l	96
45) 1,2-Dichloropropane	7.415	63	91627	55.778	ug/l	98
46) Dibromomethane	7.568	93	66819	55.897	ug/l	99
47) Bromodichloromethane	7.805	83	138653	56.209	ug/l	98
48) Methyl methacrylate	7.677	41	103233	55.876	ug/l	98
49) 1,4-Dioxane	7.647	88	24879	1332.476	ug/l	97
51) 4-Methyl-2-Pentanone	8.561	43	625359	304.093	ug/l	99
52) Toluene	8.702	92	212251	53.702	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	134387	53.410	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	140650	52.299	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	87969	57.721	ug/l	98
56) Ethyl methacrylate	9.104	69	138718	57.958	ug/l	97
57) 1,3-Dichloropropane	9.293	76	152273	58.163	ug/l	99
59) 2-Hexanone	9.415	43	434732	294.341	ug/l	99
60) Dibromochloromethane	9.506	129	103176	58.755	ug/l	99
61) 1,2-Dibromoethane	9.592	107	91086	58.678	ug/l	99
64) Tetrachloroethene	9.262	164	61198	48.072	ug/l	96
65) Chlorobenzene	10.061	112	237232	53.472	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	86552	56.536	ug/l	99
67) Ethyl Benzene	10.177	91	399873	52.238	ug/l	99
68) m/p-Xylenes	10.287	106	301685	105.884	ug/l	99
69) o-Xylene	10.628	106	147283	53.444	ug/l	99
70) Styrene	10.640	104	253101	52.415	ug/l	99
71) Bromoform	10.787	173	66043	57.774	ug/l #	98
73) Isopropylbenzene	10.945	105	378497	50.034	ug/l	100
74) N-amyl acetate	10.829	43	169840	49.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	128099	55.970	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	97739m	48.515	ug/l	
77) Bromobenzene	11.183	156	95566	51.293	ug/l	97
78) n-propylbenzene	11.287	91	439072	49.099	ug/l	100
79) 2-Chlorotoluene	11.347	91	271796	49.624	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	307056	49.405	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	37891	47.963	ug/l	99
82) 4-Chlorotoluene	11.439	91	325741	50.356	ug/l	100
83) tert-Butylbenzene	11.695	119	316334	49.720	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	314955	49.984	ug/l	99
85) sec-Butylbenzene	11.872	105	376625	49.837	ug/l	100
86) p-Isopropyltoluene	11.994	119	310612	48.549	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	173910	50.254	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	175148	49.312	ug/l	99
89) n-Butylbenzene	12.317	91	283161	47.831	ug/l	98
90) Hexachloroethane	12.518	117	58636	52.201	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	170216	51.628	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	24698	53.300	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	100349	46.832	ug/l	98
94) Hexachlorobutadiene	13.707	225	34043	46.774	ug/l	99
95) Naphthalene	13.756	128	337788	51.770	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	100111	50.226	ug/l	99

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

