

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047845.D
 Acq On : 26 Sep 2025 09:07
 Operator : JC/MD
 Sample : Q3128-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-1-20250916MSD

Quant Time: Sep 26 22:51:40 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 :Semsettin Yesilyurt 09/29/2025
 Supervised By :Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	130228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	242264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101864	49.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.379	113	77809	47.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.780%		
50) Toluene-d8	8.635	98	267377	47.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.120%		
62) 4-Bromofluorobenzene	11.061	95	102232	47.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	69130	51.263	ug/l	97
3) Chloromethane	1.301	50	89075	50.258	ug/l	99
4) Vinyl Chloride	1.380	62	89367	51.511	ug/l	97
5) Bromomethane	1.611	94	53070	48.239	ug/l	96
6) Chloroethane	1.691	64	58336	50.309	ug/l	100
7) Trichlorofluoromethane	1.892	101	126786	49.218	ug/l	98
8) Diethyl Ether	2.136	74	55446	52.617	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	71830	47.687	ug/l	97
10) Methyl Iodide	2.453	142	106017	45.130	ug/l	99
11) Tert butyl alcohol	2.947	59	61661	267.086	ug/l	99
12) 1,1-Dichloroethene	2.325	96	78307	50.611	ug/l	98
13) Acrolein	2.233	56	50065	235.327	ug/l	97
14) Allyl chloride	2.666	41	144337	45.207	ug/l	97
15) Acrylonitrile	3.056	53	249703	292.002	ug/l	98
16) Acetone	2.374	43	202854	225.067	ug/l	96
17) Carbon Disulfide	2.514	76	212464	50.160	ug/l	99
18) Methyl Acetate	2.697	43	95010	47.367	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	295264	52.276	ug/l	100
20) Methylene Chloride	2.788	84	99078	51.933	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	85725	51.462	ug/l	95
22) Diisopropyl ether	3.751	45	326980	52.843	ug/l	99
23) Vinyl Acetate	3.715	43	1048799	211.780	ug/l	100
24) 1,1-Dichloroethane	3.605	63	170110	51.724	ug/l	99
25) 2-Butanone	4.538	43	309509	275.299	ug/l	99
26) 2,2-Dichloropropane	4.465	77	65559	23.980	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	106732	52.318	ug/l	93
28) Bromochloromethane	4.885	49	74514	51.898	ug/l	98
29) Tetrahydrofuran	4.989	42	198456	293.430	ug/l	100
30) Chloroform	5.080	83	175569	52.828	ug/l	100
31) Cyclohexane	5.464	56	125386	45.775	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	142040	50.387	ug/l	99
36) 1,1-Dichloropropene	5.684	75	109852	46.270	ug/l	98
37) Ethyl Acetate	4.696	43	105537	41.517	ug/l	99
38) Carbon Tetrachloride	5.672	117	118519	45.946	ug/l	94
39) Methylcyclohexane	7.367	83	113139	41.981	ug/l	99
40) Benzene	6.025	78	362384	50.255	ug/l	99

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41) Methacrylonitrile	4.904	41	70999	54.101	ug/l	100
42) 1,2-Dichloroethane	6.074	62	136462	49.737	ug/l	97
43) Isopropyl Acetate	6.324	43	190115	45.601	ug/l	98
44) Trichloroethene	7.111	130	87926	50.436	ug/l	95
45) 1,2-Dichloropropane	7.415	63	94712	51.294	ug/l	97
46) Dibromomethane	7.568	93	69973	52.077	ug/l	97
47) Bromodichloromethane	7.806	83	141698	51.105	ug/l	99
48) Methyl methacrylate	7.677	41	108538	52.265	ug/l	97
49) 1,4-Dioxane	7.647	88	27985	1333.443	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	654858	283.300	ug/l	100
52) Toluene	8.702	92	224531	50.540	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	130150	46.019	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	136755	45.240	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	92719	54.125	ug/l	97
56) Ethyl methacrylate	9.104	69	144795	53.821	ug/l	96
57) 1,3-Dichloropropane	9.293	76	158722	53.937	ug/l	98
59) 2-Hexanone	9.415	43	457947	275.847	ug/l	99
60) Dibromochloromethane	9.506	129	105945	53.675	ug/l	99
61) 1,2-Dibromoethane	9.592	107	96675	55.407	ug/l	100
64) Tetrachloroethene	9.263	164	67312	45.519	ug/l	95
65) Chlorobenzene	10.061	112	250125	48.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	88489	49.761	ug/l	99
67) Ethyl Benzene	10.177	91	423798	47.662	ug/l	99
68) m/p-Xylenes	10.287	106	321837	97.244	ug/l	98
69) o-Xylene	10.628	106	156719	48.957	ug/l	98
70) Styrene	10.640	104	271926	48.480	ug/l	99
71) Bromoform	10.781	173	67682	50.972	ug/l #	99
73) Isopropylbenzene	10.945	105	390233	45.559	ug/l	99
74) N-amyl acetate	10.829	43	150836	38.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	133696	51.590	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	116508m	51.075	ug/l	
77) Bromobenzene	11.183	156	101534	48.129	ug/l	97
78) n-propylbenzene	11.287	91	461969	45.624	ug/l	99
79) 2-Chlorotoluene	11.348	91	286705	46.230	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	321780	45.725	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	31497	35.212	ug/l	98
82) 4-Chlorotoluene	11.439	91	337335	46.056	ug/l	99
83) tert-Butylbenzene	11.695	119	332310	46.129	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	331594	46.476	ug/l	100
85) sec-Butylbenzene	11.872	105	386510	45.170	ug/l	100
86) p-Isopropyltoluene	11.994	119	325012	44.865	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	184756	47.150	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	185514	46.129	ug/l	99
89) n-Butylbenzene	12.317	91	293775	43.827	ug/l	99
90) Hexachloroethane	12.518	117	58750	46.192	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	180250	48.284	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26557	50.616	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	112364	46.313	ug/l	99
94) Hexachlorobutadiene	13.707	225	34498	41.861	ug/l	99
95) Naphthalene	13.756	128	370629	50.167	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	107581	47.668	ug/l	99

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

