

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032039.D
 Acq On : 07 Aug 2025 12:43
 Operator : SY/MD
 Sample : VW0807SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025
 Supervised By :Semsettin Yesilyurt 08/08/2025

Quant Time: Aug 08 04:07:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	226447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	405839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	359768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164328	47.971	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 95.940%			
35) Dibromofluoromethane	7.898	113	141044	51.145	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.280%			
50) Toluene-d8	10.325	98	535520	51.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.617	95	202439	50.513	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	30142	17.910	ug/l	97
3) Chloromethane	2.253	50	40730	18.855	ug/l	97
4) Vinyl Chloride	2.405	62	48962	17.448	ug/l	100
5) Bromomethane	2.820	94	35493	17.177	ug/l	92
6) Chloroethane	2.966	64	34195	18.464	ug/l	97
7) Trichlorofluoromethane	3.302	101	46266	16.279	ug/l	100
8) Diethyl Ether	3.716	74	34334	18.085	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.094	101	52454	19.188	ug/l	99
10) Methyl Iodide	4.314	142	72889	17.833	ug/l	96
11) Tert butyl alcohol	5.222	59	22969	114.070	ug/l	98
12) 1,1-Dichloroethene	4.076	96	57179	18.937	ug/l	96
13) Acrolein	3.929	56	12533	36.552	ug/l	100
14) Allyl chloride	4.704	41	79863	16.991	ug/l	99
15) Acrylonitrile	5.405	53	84419	99.459	ug/l	98
16) Acetone	4.161	43	92649	113.977	ug/l	100
17) Carbon Disulfide	4.417	76	131839	16.836	ug/l	98
18) Methyl Acetate	4.710	43	45072	20.126	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	101528	19.461	ug/l	99
20) Methylene Chloride	4.954	84	77592	19.477	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	60622	18.923	ug/l	90
22) Diisopropyl ether	6.344	45	178627	18.992	ug/l	96
23) Vinyl Acetate	6.283	43	590908	96.164	ug/l	98
24) 1,1-Dichloroethane	6.246	63	112111	19.145	ug/l	98
25) 2-Butanone	7.197	43	113192	101.774	ug/l	96
26) 2,2-Dichloropropane	7.185	77	58415	17.620	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	73312	19.465	ug/l	99
28) Bromochloromethane	7.532	49	44535	18.164	ug/l	97
29) Tetrahydrofuran	7.551	42	73576	100.902	ug/l	99
30) Chloroform	7.697	83	123016	20.035	ug/l	95
31) Cyclohexane	7.971	56	98958	18.836	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	88255	18.889	ug/l	98
36) 1,1-Dichloropropene	8.093	75	83382	19.688	ug/l	100
37) Ethyl Acetate	7.276	43	50064	20.722	ug/l	98
38) Carbon Tetrachloride	8.081	117	80067	19.699	ug/l	98
39) Methylcyclohexane	9.343	83	102567	19.244	ug/l	98
40) Benzene	8.337	78	255113	20.349	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28932	20.005	ug/l	96
42) 1,2-Dichloroethane	8.410	62	81233	20.246	ug/l	99
43) Isopropyl Acetate	8.435	43	87061	19.906	ug/l	99
44) Trichloroethene	9.099	130	60749	20.386	ug/l	98
45) 1,2-Dichloropropane	9.374	63	62044	20.549	ug/l	93
46) Dibromomethane	9.465	93	38075	20.343	ug/l	99
47) Bromodichloromethane	9.654	83	90563	20.179	ug/l	99
48) Methyl methacrylate	9.441	41	42775	20.557	ug/l	98
49) 1,4-Dioxane	9.459	88	9931	531.764	ug/l	91
51) 4-Methyl-2-Pentanone	10.215	43	250342	104.589	ug/l	98
52) Toluene	10.392	92	165464	20.531	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	85139	19.776	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	95600	19.445	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	53588	21.555	ug/l	93
56) Ethyl methacrylate	10.648	69	70950	20.207	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89412	20.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	177808	98.590	ug/l	100
59) 2-Hexanone	10.971	43	175155	105.276	ug/l	98
60) Dibromochloromethane	11.129	129	61494	21.215	ug/l	93
61) 1,2-Dibromoethane	11.239	107	49702	20.232	ug/l	97
64) Tetrachloroethene	10.867	164	48680	20.523	ug/l	84
65) Chlorobenzene	11.660	112	183286	20.816	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.733	131	56132	20.564	ug/l	97
67) Ethyl Benzene	11.727	91	311293	20.122	ug/l	97
68) m/p-Xylenes	11.837	106	241702	41.501	ug/l	98
69) o-Xylene	12.166	106	109847	19.930	ug/l	97
70) Styrene	12.178	104	198013	21.101	ug/l	99
71) Bromoform	12.349	173	29897	20.026	ug/l #	99
73) Isopropylbenzene	12.465	105	290445	19.274	ug/l	97
74) N-amyl acetate	12.269	43	80274	19.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	65194	20.382	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	47795m	19.932	ug/l	
77) Bromobenzene	12.745	156	65096	19.965	ug/l	97
78) n-propylbenzene	12.800	91	367190	19.840	ug/l	99
79) 2-Chlorotoluene	12.891	91	223628	20.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	246619	19.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	19612	18.883	ug/l	92
82) 4-Chlorotoluene	12.989	91	236248	20.379	ug/l	99
83) tert-Butylbenzene	13.202	119	210033	19.510	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	251775	19.682	ug/l	99
85) sec-Butylbenzene	13.379	105	314897	19.478	ug/l	99
86) p-Isopropyltoluene	13.495	119	264064	19.761	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	133282	19.638	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	132533	19.934	ug/l	99
89) n-Butylbenzene	13.818	91	257087	19.612	ug/l	99
90) Hexachloroethane	14.086	117	44125	19.096	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	118139	19.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11210	19.398	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	71167	19.619	ug/l	97
94) Hexachlorobutadiene	15.226	225	34706	20.191	ug/l	97
95) Naphthalene	15.360	128	180030	20.187	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	65985	20.077	ug/l	95

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

