

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031752.D
 Acq On : 02 Jul 2025 11:38
 Operator : SY/MD
 Sample : VW0702SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 03 06:10:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	219771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	396161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	346815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	161398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	158527	50.263	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 100.520%			
35) Dibromofluoromethane	7.904	113	128341	49.646	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.300%			
50) Toluene-d8	10.325	98	487688	50.694	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.380%			
62) 4-Bromofluorobenzene	12.617	95	182529	51.558	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	30441	20.338	ug/l	96
3) Chloromethane	2.253	50	35798	19.839	ug/l	100
4) Vinyl Chloride	2.405	62	48179	20.314	ug/l	97
5) Bromomethane	2.826	94	37297	20.133	ug/l	99
6) Chloroethane	2.972	64	32389	20.104	ug/l	95
7) Trichlorofluoromethane	3.302	101	46951	21.798	ug/l	98
8) Diethyl Ether	3.722	74	33365	20.385	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	48953	20.476	ug/l	99
10) Methyl Iodide	4.307	142	76183	20.670	ug/l	99
11) Tert butyl alcohol	5.222	59	19108	97.791	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54262	20.721	ug/l	97
13) Acrolein	3.930	56	36170	102.992	ug/l	97
14) Allyl chloride	4.704	41	82724	20.589	ug/l	98
15) Acrylonitrile	5.405	53	80070	99.482	ug/l	97
16) Acetone	4.161	43	74514	95.584	ug/l	98
17) Carbon Disulfide	4.417	76	141799	20.235	ug/l	96
18) Methyl Acetate	4.710	43	43283	19.427	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	91826	20.659	ug/l	98
20) Methylene Chloride	4.954	84	78573	22.546	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	57656	20.721	ug/l	98
22) Diisopropyl ether	6.344	45	164799	21.031	ug/l	98
23) Vinyl Acetate	6.283	43	547648	102.318	ug/l	99
24) 1,1-Dichloroethane	6.240	63	104188	20.508	ug/l	99
25) 2-Butanone	7.197	43	105838	104.357	ug/l	97
26) 2,2-Dichloropropane	7.185	77	61911	20.887	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	65949	20.619	ug/l	99
28) Bromochloromethane	7.533	49	45905	20.476	ug/l	100
29) Tetrahydrofuran	7.551	42	70234	101.122	ug/l	99
30) Chloroform	7.691	83	110314	20.435	ug/l	99
31) Cyclohexane	7.965	56	92820	20.669	ug/l #	93
32) 1,1,1-Trichloroethane	7.886	97	85925	20.654	ug/l	98
36) 1,1-Dichloropropene	8.093	75	77608	20.746	ug/l	100
37) Ethyl Acetate	7.276	43	46512	19.710	ug/l	99
38) Carbon Tetrachloride	8.081	117	78255	20.529	ug/l	96
39) Methylcyclohexane	9.343	83	97616	20.974	ug/l	94
40) Benzene	8.337	78	229703	20.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	27095	21.434	ug/l	96
42) 1,2-Dichloroethane	8.410	62	78653	21.032	ug/l	99
43) Isopropyl Acetate	8.435	43	81846	20.121	ug/l	99
44) Trichloroethene	9.099	130	57864	20.947	ug/l	94
45) 1,2-Dichloropropane	9.374	63	54612	20.417	ug/l	99
46) Dibromomethane	9.465	93	35952	20.819	ug/l	99
47) Bromodichloromethane	9.654	83	81766	20.191	ug/l	98
48) Methyl methacrylate	9.441	41	39491	19.744	ug/l	100
49) 1,4-Dioxane	9.471	88	7236	357.762	ug/l #	85
51) 4-Methyl-2-Pentanone	10.215	43	235711	100.792	ug/l	100
52) Toluene	10.392	92	151954	21.444	ug/l	94
53) t-1,3-Dichloropropene	10.611	75	75619	19.902	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	87867	20.400	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	47047	20.798	ug/l	97
56) Ethyl methacrylate	10.648	69	62597	20.397	ug/l	99
57) 1,3-Dichloropropane	10.934	76	80846	20.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	173662	102.764	ug/l	98
59) 2-Hexanone	10.971	43	162455	102.513	ug/l	98
60) Dibromochloromethane	11.129	129	52579	19.437	ug/l	94
61) 1,2-Dibromoethane	11.233	107	46136	20.373	ug/l	99
64) Tetrachloroethene	10.861	164	47449	20.916	ug/l #	88
65) Chlorobenzene	11.660	112	161472	21.102	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	49733	20.396	ug/l	99
67) Ethyl Benzene	11.727	91	283495	21.366	ug/l	92
68) m/p-Xylenes	11.837	106	212556	41.672	ug/l	96
69) o-Xylene	12.166	106	98305	20.815	ug/l	99
70) Styrene	12.178	104	173085	21.200	ug/l	99
71) Bromoform	12.349	173	28769	19.777	ug/l #	98
73) Isopropylbenzene	12.465	105	263051	21.427	ug/l	99
74) N-amyl acetate	12.269	43	71369	21.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	57966	21.267	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	46430m	22.261	ug/l	
77) Bromobenzene	12.745	156	60618	22.138	ug/l	87
78) n-propylbenzene	12.800	91	323831	22.028	ug/l	99
79) 2-Chlorotoluene	12.891	91	196866	22.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	223986	22.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	18142	20.260	ug/l	91
82) 4-Chlorotoluene	12.989	91	204321	21.984	ug/l	100
83) tert-Butylbenzene	13.202	119	191023	21.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	225958	21.945	ug/l	99
85) sec-Butylbenzene	13.379	105	294232	22.520	ug/l	100
86) p-Isopropyltoluene	13.495	119	241550	22.432	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	123681	22.523	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	119877	21.329	ug/l	95
89) n-Butylbenzene	13.818	91	231659	22.143	ug/l	97
90) Hexachloroethane	14.086	117	39995	20.588	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	108295	21.577	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11203	21.051	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	63704	20.581	ug/l	98
94) Hexachlorobutadiene	15.226	225	33011	22.086	ug/l	89
95) Naphthalene	15.360	128	161430	21.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	60392	21.234	ug/l	99

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

