

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031674.D
 Acq On : 31 Jan 2025 18:09
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050461

Quant Time: Feb 03 07:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:30:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	438861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	300653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131816	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	299306	44.856	ug/L	0.00
7) Chloroethane-d5	2.893	69	199845	42.384	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	142814	47.949	ug/L	0.00
21) 2-Butanone-d5	7.081	46	198086	156.430	ug/L	-0.01
24) Chloroform-d	7.642	84	429028	39.935	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	153707	30.541	ug/L	0.00
32) Benzene-d6	8.270	84	955840	51.186	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	230122	43.299	ug/L	0.00
41) Toluene-d8	10.319	98	872497	52.099	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	69662	33.856	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	94103	149.694	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	157701	46.997	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	182541	41.045	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	359070	61.539	ug/L	# 87
3) Chloromethane	2.223	50	292856	49.658	ug/L	95
5) Vinyl chloride	2.375	62	439144	57.494	ug/L	97
6) Bromomethane	2.783	94	184869	42.927	ug/L	94
8) Chloroethane	2.930	64	209658	48.396	ug/L	94
9) Trichlorofluoromethane	3.259	101	372474	51.279	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	421673m	71.014	ug/L	
12) 1,1-Dichloroethene	4.045	96	368050	61.170	ug/L	95
13) Acetone	4.143	43	147659	146.341	ug/L	97
14) Carbon disulfide	4.387	76	1170007	58.664	ug/L	100
15) Methyl Acetate	4.679	43	140972	58.894	ug/L	# 100
16) Methylene chloride	4.929	84	208451	36.542	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	365561	57.085	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	275581	29.970	ug/L	99
19) 1,1-Dichloroethane	6.216	63	554122	47.764	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	296893	45.373	ug/L	97
22) 2-Butanone	7.179	43	245145	149.565	ug/L	98
23) Bromochloromethane	7.508	128	90897	36.862	ug/L	95
25) Chloroform	7.673	83	475139	43.693	ug/L	100
27) 1,2-Dichloroethane	8.398	62	215528	33.410	ug/L	97
29) Cyclohexane	7.953	56	834423	80.401	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	551900	68.002	ug/L	97
31) Carbon tetrachloride	8.063	117	519792	71.093	ug/L	100
33) Benzene	8.319	78	1277139	59.679	ug/L	100
34) Trichloroethene	9.087	95	395015	67.493	ug/L	98
35) Methylcyclohexane	9.331	83	847970	78.549	ug/L	97
37) 1,2-Dichloropropane	9.361	63	240974	47.014	ug/L	100
38) Bromodichloromethane	9.642	83	262268	43.440	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	322079	41.719	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	316156	117.652	ug/L	99
42) Toluene	10.386	91	1372844	61.475	ug/L	100
44) trans-1,3-Dichloropropene	10.599	75	227673	37.351	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	141045	43.774	ug/L	97
46) Tetrachloroethene	10.861	164	291071	68.132	ug/L	87
48) 2-Hexanone	10.965	43	247610	143.628	ug/L	97
49) Dibromochloromethane	11.123	129	138237	40.165	ug/L	95
50) 1,2-Dibromoethane	11.233	107	132798	44.356	ug/L	95
51) Chlorobenzene	11.654	112	702184	52.665	ug/L	100
52) Ethylbenzene	11.727	91	1641968	64.159	ug/L	97
53) m,p-Xylene	11.831	106	599605	62.179	ug/L	94
54) o-Xylene	12.160	106	494021	55.764	ug/L	99
55) Styrene	12.178	104	745428	51.566	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	179693	49.393	ug/L	92
59) Bromoform	12.343	173	69844	40.972	ug/L	97
60) Isopropylbenzene	12.458	105	1728490	70.389	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	138444	54.242	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	1238617	62.517	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1111149	58.828	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	474918	51.133	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	447964	49.124	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	372921	47.708	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	39010	64.521	ug/L	99
69) 1,3,5-Trichlorobenzene	14.617	180	335583	53.597	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	243901	49.860	ug/L	95
71) Naphthalene	15.354	128	482654	51.916	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	187479	45.266	ug/L	99

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

