

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026330.D
 Acq On : 26 Jun 2023 12:00
 Operator : SY/MD
 Sample : VSTD02567
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025467

Quant Time: Jun 27 01:26:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	697665	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	628552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	319544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	257225	25.385	ug/L	0.00
7) Chloroethane-d5	2.899	69	169989	23.554	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	109750	23.918	ug/L	0.00
21) 2-Butanone-d5	7.081	46	142830	44.945	ug/L	0.00
24) Chloroform-d	7.648	84	455872	23.059	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	254625	22.922	ug/L	0.00
32) Benzene-d6	8.276	84	922741	23.717	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	289874	22.929	ug/L	0.00
41) Toluene-d8	10.325	98	818697	24.041	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	119071	23.458	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	90729	46.730	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231908	23.300	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	244027	21.933	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	212108m	25.705	ug/L	
3) Chloromethane	2.229	50	313257	25.832	ug/L	100
5) Vinyl chloride	2.375	62	321518	25.500	ug/L	100
6) Bromomethane	2.789	94	171546	24.788	ug/L	100
8) Chloroethane	2.930	64	160844	23.790	ug/L	100
9) Trichlorofluoromethane	3.265	101	217880	24.499	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	235219	24.751	ug/L	100
12) 1,1-Dichloroethene	4.045	96	223373	24.762	ug/L	100
13) Acetone	4.125	43	110896	43.495	ug/L	100
14) Carbon disulfide	4.393	76	803864	25.218	ug/L	100
15) Methyl Acetate	4.673	43	144548	24.974	ug/L	100
16) Methylene chloride	4.917	84	264994	22.387	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	245921	24.758	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	390576	25.186	ug/L	100
19) 1,1-Dichloroethane	6.216	63	498637	24.013	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	263408	24.583	ug/L	100
22) 2-Butanone	7.173	43	188051	48.207	ug/L	100
23) Bromochloromethane	7.514	128	111700	24.305	ug/L	100
25) Chloroform	7.679	83	468249	24.331	ug/L	100
27) 1,2-Dichloroethane	8.398	62	337090	24.408	ug/L	100
29) Cyclohexane	7.959	56	474421	26.138	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	368784	24.253	ug/L	100
31) Carbon tetrachloride	8.069	117	326676	23.899	ug/L	100
33) Benzene	8.325	78	1051090	24.757	ug/L	100
34) Trichloroethene	9.093	95	265871	24.458	ug/L	100
35) Methylcyclohexane	9.337	83	482160	25.864	ug/L	100
37) 1,2-Dichloropropane	9.368	63	290896	24.818	ug/L	100
38) Bromodichloromethane	9.642	83	332718	24.425	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	434067	25.541	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	405307	52.936	ug/L	100
42) Toluene	10.386	91	1088930	25.567	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	358267	24.974	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	195108	24.566	ug/L	100
46) Tetrachloroethene	10.861	164	180545	23.574	ug/L	100
48) 2-Hexanone	10.965	43	284660	52.691	ug/L	100
49) Dibromochloromethane	11.129	129	199733	24.560	ug/L	100
50) 1,2-Dibromoethane	11.233	107	182404	25.015	ug/L	100
51) Chlorobenzene	11.654	112	655296	24.131	ug/L	100
52) Ethylbenzene	11.727	91	1229576	25.620	ug/L	100
53) m,p-Xylene	11.837	106	448045	25.598	ug/L	100
54) o-Xylene	12.166	106	421505	25.577	ug/L	100
55) Styrene	12.178	104	744854	25.914	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	247254	24.906	ug/L	100
59) Bromoform	12.349	173	112785	23.332	ug/L	100
60) Isopropylbenzene	12.458	105	1175149	24.469	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	183272	23.594	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	940118	25.252	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	944059	26.292	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	489883	23.815	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	483299	23.477	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	431806	23.569	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	41151	23.028	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	313999	23.755	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	273005	25.238	ug/L	100
71) Naphthalene	15.360	128	560573	25.779	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	240948	23.858	ug/L	100

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

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