

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061423\
 Data File : VW026179.D
 Acq On : 14 Jun 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025517

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

Quant Time: Jun 14 23:21:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 13 01:20:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	745862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	666552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	323268	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	219044	20.876	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.520%		
7) Chloroethane-d5	2.893	69	193768	24.669	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.680%		
11) 1,1-Dichloroethene-d2	4.021	65	114052	22.044	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.160%		
21) 2-Butanone-d5	7.081	46	154054	50.430	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.860%		
24) Chloroform-d	7.648	84	519895	23.803	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.200%		
26) 1,2-Dichloroethane-d4	8.301	65	282829	23.681	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.720%		
32) Benzene-d6	8.270	84	1029664	22.957	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.840%		
36) 1,2-Dichloropropane-d6	9.270	67	331128	23.304	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.200%		
41) Toluene-d8	10.319	98	884407	22.235	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.920%		
43) trans-1,3-Dichloroprop...	10.575	79	122588	21.771	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.080%		
47) 2-Hexanone-d5	10.922	63	107881	48.150	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.300%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252765	24.445	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.800%		
66) 1,2-Dichlorobenzene-d4	13.849	152	277478	22.426	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	185203	20.256	ug/L #	84
3) Chloromethane	2.223	50	268851	22.932	ug/L	98
5) Vinyl chloride	2.369	62	300055	23.944	ug/L	98
6) Bromomethane	2.783	94	164777	24.119	ug/L	100
8) Chloroethane	2.930	64	179605	26.522	ug/L	100
9) Trichlorofluoromethane	3.265	101	225834	28.011	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	253213m	24.890	ug/L	
12) 1,1-Dichloroethene	4.045	96	230328	24.254	ug/L	83
13) Acetone	4.131	43	121304	51.319	ug/L	98
14) Carbon disulfide	4.393	76	725924	21.654	ug/L	98
15) Methyl Acetate	4.673	43	125312	23.621	ug/L	99
16) Methylene chloride	4.917	84	257340	21.617	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	246419	23.128	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	386782	23.033	ug/L	99
19) 1,1-Dichloroethane	6.216	63	525905	24.245	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	272277	24.125	ug/L	97
22) 2-Butanone	7.173	43	170321	50.513	ug/L	97
23) Bromochloromethane	7.514	128	113175	23.514	ug/L	96
25) Chloroform	7.679	83	489700	24.239	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	336598	24.157	ug/L	98
29) Cyclohexane	7.959	56	483410	23.491	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	386277	23.880	ug/L	98
31) Carbon tetrachloride	8.069	117	345833	23.429	ug/L	99
33) Benzene	8.325	78	1089237	23.855	ug/L	100
34) Trichloroethene	9.093	95	277287	23.716	ug/L	97
35) Methylcyclohexane	9.337	83	489642	23.667	ug/L	99
37) 1,2-Dichloropropane	9.368	63	298641	24.147	ug/L	99
38) Bromodichloromethane	9.642	83	340552	23.702	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	438700	24.138	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	349020	47.867	ug/L	100
42) Toluene	10.386	91	1125794	24.105	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	365130	24.115	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	195213	23.950	ug/L	100
46) Tetrachloroethene	10.861	164	193169	23.358	ug/L	96
48) 2-Hexanone	10.965	43	241908	47.053	ug/L	99
49) Dibromochloromethane	11.130	129	203797	23.847	ug/L	95
50) 1,2-Dibromoethane	11.233	107	171808	22.765	ug/L	92
51) Chlorobenzene	11.660	112	674620	23.051	ug/L	95
52) Ethylbenzene	11.727	91	1265002	24.011	ug/L	100
53) m,p-Xylene	11.837	106	472721	24.120	ug/L	94
54) o-Xylene	12.166	106	444484	24.028	ug/L	100
55) Styrene	12.178	104	771632	24.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	234195	23.742	ug/L	98
59) Bromoform	12.343	173	110644	22.788	ug/L	98
60) Isopropylbenzene	12.459	105	1251521	24.644	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168417	23.258	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1006366	24.928	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	900669	24.359	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	518431	24.280	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	502354	23.368	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	459574	23.968	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	35759	21.315	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	319311	21.770	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	271484	22.431	ug/L	94
71) Naphthalene	15.360	128	499838	23.172	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	233743	22.098	ug/L	99

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

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