

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
 Data File : VW025454.D
 Acq On : 21 Mar 2023 08:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 22 01:22:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 20 23:49:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	726869	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	633112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	322168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	242179	20.039	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.160%		
7) Chloroethane-d5	2.899	69	185110	21.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.160%		
11) 1,1-Dichloroethene-d2	4.027	63	513625	22.004	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.000%		
21) 2-Butanone-d5	7.081	46	122618	41.334	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.660%		
24) Chloroform-d	7.648	84	487264	23.253	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.000%		
26) 1,2-Dichloroethane-d4	8.307	65	247741	22.027	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.120%		
32) Benzene-d6	8.276	84	992096	22.933	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.720%		
36) 1,2-Dichloropropane-d6	9.270	67	311381	23.267	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.080%		
41) Toluene-d8	10.325	98	859961	22.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.200%		
43) trans-1,3-Dichloroprop...	10.575	79	113995	21.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.560%		
47) 2-Hexanone-d5	10.922	63	79394	41.256	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.520%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210540	21.473	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.880%		
66) 1,2-Dichlorobenzene-d4	13.848	152	252631	21.087	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	177612m	21.382	ug/L	
3) Chloromethane	2.229	50	239614	24.254	ug/L	99
5) Vinyl chloride	2.381	62	270948	24.275	ug/L	98
6) Bromomethane	2.789	94	140127	23.548	ug/L	99
8) Chloroethane	2.936	64	158372	24.687	ug/L	95
9) Trichlorofluoromethane	3.271	101	213876	22.139	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	228451	24.385	ug/L #	73
12) 1,1-Dichloroethene	4.051	96	215054	23.726	ug/L	91
13) Acetone	4.131	43	126662	44.416	ug/L	96
14) Carbon disulfide	4.393	76	684643	24.293	ug/L	100
15) Methyl Acetate	4.673	43	103166	19.284	ug/L	98
16) Methylene chloride	4.917	84	230603	22.784	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	221116	23.271	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	308649	21.576	ug/L	99
19) 1,1-Dichloroethane	6.216	63	465972	23.681	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	243333	23.390	ug/L #	96
22) 2-Butanone	7.173	43	147320	39.935	ug/L	99
23) Bromochloromethane	7.520	128	95479	21.342	ug/L	98
25) Chloroform	7.679	83	427795	23.127	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	278728	22.579	ug/L	99
29) Cyclohexane	7.959	56	449379	25.146	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	350166	23.266	ug/L	99
31) Carbon tetrachloride	8.069	117	313175	23.214	ug/L	97
33) Benzene	8.325	78	970161	23.968	ug/L	100
34) Trichloroethene	9.093	95	245958	23.151	ug/L	96
35) Methylcyclohexane	9.331	83	454164	24.816	ug/L	98
37) 1,2-Dichloropropane	9.368	63	260021	23.337	ug/L	100
38) Bromodichloromethane	9.642	83	295897	22.771	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	369723	23.034	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	270937	40.458	ug/L	99
42) Toluene	10.386	91	1017021	24.335	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	298813	22.230	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	162441	21.709	ug/L	98
46) Tetrachloroethene	10.861	164	172025	22.757	ug/L	86
48) 2-Hexanone	10.965	43	205814	42.718	ug/L	100
49) Dibromochloromethane	11.123	129	170353	21.308	ug/L	98
50) 1,2-Dibromoethane	11.233	107	145170	20.960	ug/L #	97
51) Chlorobenzene	11.654	112	605949	22.845	ug/L	100
52) Ethylbenzene	11.727	91	1143460	23.989	ug/L	99
53) m,p-Xylene	11.837	106	431671	24.554	ug/L	96
54) o-Xylene	12.166	106	396035	23.939	ug/L	96
55) Styrene	12.178	104	685459	24.264	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	189032	20.309	ug/L	98
59) Bromoform	12.349	173	92307	19.859	ug/L	98
60) Isopropylbenzene	12.458	105	1129165	23.511	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	136791	19.488	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	912839	23.999	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	889767	23.746	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	453357	22.278	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	464020	22.229	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	396885	21.745	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	28183	17.344	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	296928	21.464	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	239253	20.859	ug/L	97
71) Naphthalene	15.360	128	452368	19.980	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	207067	20.099	ug/L	98

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

