

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032023\
 Data File : VW025452.D
 Acq On : 20 Mar 2023 18:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: Mar 20 23:55:28 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	656998	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	285368	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	211435	19.355	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.440%		
7) Chloroethane-d5	2.899	69	169099	21.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.040%		
11) 1,1-Dichloroethene-d2	4.027	63	459766	21.791	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.160%		
21) 2-Butanone-d5	7.075	46	129579m	48.326	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.660%		
24) Chloroform-d	7.648	84	461061	24.343	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.360%		
26) 1,2-Dichloroethane-d4	8.307	65	241992	23.804	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.200%		
32) Benzene-d6	8.276	84	926045	23.135	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.560%		
36) 1,2-Dichloropropane-d6	9.270	67	290885	23.491	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.960%		
41) Toluene-d8	10.318	98	823369	23.330	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.320%		
43) trans-1,3-Dichloroprop...	10.575	79	110009	22.310	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.240%		
47) 2-Hexanone-d5	10.922	63	84239	47.308	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.620%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213408	23.524	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.080%		
66) 1,2-Dichlorobenzene-d4	13.848	152	249011	23.465	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	151332	20.155	ug/L #	88
3) Chloromethane	2.228	50	243834	27.306	ug/L	96
5) Vinyl chloride	2.375	62	262505	26.020	ug/L	97
6) Bromomethane	2.789	94	143583	26.695	ug/L	91
8) Chloroethane	2.936	64	155812	26.871	ug/L	97
9) Trichlorofluoromethane	3.265	101	186719	21.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	223564	26.401	ug/L	99
12) 1,1-Dichloroethene	4.045	96	208992m	25.509	ug/L	
13) Acetone	4.124	43	96427	37.409	ug/L	100
14) Carbon disulfide	4.393	76	674419	26.476	ug/L	98
15) Methyl Acetate	4.673	43	116620	24.117	ug/L	99
16) Methylene chloride	4.917	84	241404	26.388	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	230944	26.890	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	345965	26.757	ug/L	99
19) 1,1-Dichloroethane	6.216	63	482279	27.117	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	256959	27.326	ug/L	99
22) 2-Butanone	7.173	43	151264	45.364	ug/L	99
23) Bromochloromethane	7.514	128	105360	26.055	ug/L	88
25) Chloroform	7.679	83	453824	27.144	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305078	27.342	ug/L	100
29) Cyclohexane	7.959	56	440139	26.618	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	356783	25.620	ug/L	99
31) Carbon tetrachloride	8.069	117	316655	25.367	ug/L	97
33) Benzene	8.325	78	1022759	27.308	ug/L	100
34) Trichloroethene	9.093	95	253287	25.766	ug/L	97
35) Methylcyclohexane	9.337	83	441785	26.089	ug/L	99
37) 1,2-Dichloropropane	9.367	63	275895	26.761	ug/L	100
38) Bromodichloromethane	9.642	83	314624	26.168	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	390132	26.268	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	323518	52.211	ug/L	99
42) Toluene	10.386	91	1062961	27.488	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	321052	25.813	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	179981	25.996	ug/L	99
46) Tetrachloroethene	10.861	164	175948	25.155	ug/L	95
48) 2-Hexanone	10.965	43	223196	50.067	ug/L	99
49) Dibromochloromethane	11.129	129	188857	25.530	ug/L	96
50) 1,2-Dibromoethane	11.233	107	161902	25.263	ug/L	91
51) Chlorobenzene	11.654	112	642220	26.167	ug/L	97
52) Ethylbenzene	11.727	91	1177443	26.697	ug/L	96
53) m,p-Xylene	11.836	106	436964	26.862	ug/L	98
54) o-Xylene	12.166	106	420010	27.439	ug/L	99
55) Styrene	12.178	104	725858	27.768	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	215513	25.024	ug/L	97
59) Bromoform	12.349	173	98876	24.016	ug/L	99
60) Isopropylbenzene	12.458	105	1159930	27.267	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	158360	25.470	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	951722	28.248	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	925297	27.878	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	480637	26.664	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	482419	26.091	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	426455	26.378	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	32514	22.589	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	306552	25.018	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	237153	23.343	ug/L	91
71) Naphthalene	15.360	128	521943	26.026	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	231071	25.322	ug/L	99

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

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