

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
 Data File : VW025497.D
 Acq On : 30 Mar 2023 11:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 02:17:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 30 00:21:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	683836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	615735	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	313875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	194311	17.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.360%
7) Chloroethane-d5	2.899	69	160156	19.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.320%
11) 1,1-Dichloroethene-d2	4.027	63	450193	20.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.000%
21) 2-Butanone-d5	7.081	46	140141	50.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.420%
24) Chloroform-d	7.648	84	466181	23.647	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	8.307	65	247269	23.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.480%
32) Benzene-d6	8.276	84	919158	21.847	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	9.276	67	294040	22.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.325	98	800672	21.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	10.575	79	108977	21.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.120%
47) 2-Hexanone-d5	10.922	63	90394	48.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	224266	23.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	253735	21.738	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	183964m	23.540	ug/L	
3) Chloromethane	2.223	50	231503	24.907	ug/L	98
5) Vinyl chloride	2.375	62	269110	25.628	ug/L	95
6) Bromomethane	2.790	94	143921	25.708	ug/L	96
8) Chloroethane	2.936	64	162137	26.865	ug/L	96
9) Trichlorofluoromethane	3.271	101	210556	23.166	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	231617	26.278	ug/L #	83
12) 1,1-Dichloroethene	4.051	96	214589	25.164	ug/L	97
13) Acetone	4.125	43	129892	48.415	ug/L	98
14) Carbon disulfide	4.393	76	661860	24.963	ug/L	99
15) Methyl Acetate	4.673	43	124465	24.729	ug/L	97
16) Methylene chloride	4.917	84	259161	27.217	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	232574	26.017	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	364155	27.058	ug/L	99
19) 1,1-Dichloroethane	6.222	63	497872	26.895	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	260531	26.619	ug/L #	96
22) 2-Butanone	7.167	43	163700	47.167	ug/L	100
23) Bromochloromethane	7.520	128	110317	26.210	ug/L	96
25) Chloroform	7.679	83	464253	26.678	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	321345	27.670	ug/L	98
29) Cyclohexane	7.959	56	448809	25.823	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	363310	24.821	ug/L	98
31) Carbon tetrachloride	8.069	117	323762	24.676	ug/L	98
33) Benzene	8.325	78	1040904	26.441	ug/L	100
34) Trichloroethene	9.093	95	257476	24.919	ug/L	94
35) Methylcyclohexane	9.337	83	455914	25.615	ug/L	100
37) 1,2-Dichloropropane	9.368	63	285752	26.370	ug/L	100
38) Bromodichloromethane	9.642	83	330248	26.132	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	418777	26.826	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	342914	52.652	ug/L	99
42) Toluene	10.386	91	1080468	26.582	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	340641	26.056	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	187879	25.818	ug/L	97
46) Tetrachloroethene	10.861	164	184291	25.068	ug/L	91
48) 2-Hexanone	10.965	43	244014	52.076	ug/L	99
49) Dibromochloromethane	11.129	129	201535	25.919	ug/L	98
50) 1,2-Dibromoethane	11.233	107	171392	25.444	ug/L	99
51) Chlorobenzene	11.654	112	655473	25.409	ug/L	99
52) Ethylbenzene	11.727	91	1229854	26.530	ug/L	96
53) m,p-Xylene	11.837	106	443882	25.961	ug/L	94
54) o-Xylene	12.166	106	424502	26.384	ug/L	99
55) Styrene	12.178	104	746591	27.173	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	226573	25.030	ug/L	97
59) Bromoform	12.343	173	110241	24.344	ug/L	97
60) Isopropylbenzene	12.465	105	1203080	25.712	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164160	24.005	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	974025	26.284	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	943230	25.837	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	500036	25.220	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	501420	24.655	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	446469	25.108	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	34594	21.851	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	323009	23.966	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	282713	25.300	ug/L	100
71) Naphthalene	15.360	128	545687	24.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	239534	23.865	ug/L	97

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

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