

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042623\
 Data File : VW025712.D
 Acq On : 26 Apr 2023 19:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Apr 27 01:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 01:13:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/27/2023
 Supervised By : Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	532723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	272401	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	235155	23.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.560%
7) Chloroethane-d5	2.899	69	152824	21.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	4.033	63	466159	23.413	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.640%
21) 2-Butanone-d5	7.075	46	136573	62.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.360%
24) Chloroform-d	7.648	84	417630	24.585	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	8.307	65	235183	26.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.440%
32) Benzene-d6	8.276	84	862078	24.992	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.960%
36) 1,2-Dichloropropane-d6	9.270	67	270561	25.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.325	98	771919	25.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	10.575	79	107852	26.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.000%
47) 2-Hexanone-d5	10.922	63	93332	63.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	211824	29.179	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	231507	24.738	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	198207m	23.427	ug/L	
3) Chloromethane	2.223	50	233137	23.751	ug/L	99
5) Vinyl chloride	2.375	62	258710	23.842	ug/L	99
6) Bromomethane	2.790	94	135605	23.231	ug/L	99
8) Chloroethane	2.936	64	134295	22.098	ug/L	96
9) Trichlorofluoromethane	3.271	101	196598	23.518	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	221212m	26.370	ug/L	
12) 1,1-Dichloroethene	4.045	96	201432	23.989	ug/L	93
13) Acetone	4.119	43	126329	67.960	ug/L	99
14) Carbon disulfide	4.393	76	601629	20.308	ug/L	99
15) Methyl Acetate	4.673	43	128755	30.830	ug/L	96
16) Methylene chloride	4.917	84	249368	25.930	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	210977	23.633	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	343996	27.922	ug/L	99
19) 1,1-Dichloroethane	6.222	63	456848	25.614	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	232027	24.980	ug/L #	97
22) 2-Butanone	7.173	43	179445	67.906	ug/L	99
23) Bromochloromethane	7.514	128	98100	25.754	ug/L	91
25) Chloroform	7.679	83	423713	25.978	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	298688	27.289	ug/L	99
29) Cyclohexane	7.959	56	415313	24.087	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	335764	25.366	ug/L	99
31) Carbon tetrachloride	8.069	117	304568	25.479	ug/L	100
33) Benzene	8.325	78	935303	25.224	ug/L	100
34) Trichloroethene	9.093	95	238479	24.726	ug/L	95
35) Methylcyclohexane	9.337	83	416531	23.917	ug/L	99
37) 1,2-Dichloropropane	9.368	63	260076	26.558	ug/L	100
38) Bromodichloromethane	9.642	83	296900	26.498	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	375019	26.697	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	363750	65.624	ug/L	100
42) Toluene	10.386	91	968874	25.660	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	315344	27.224	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	176397	28.250	ug/L	98
46) Tetrachloroethene	10.861	164	166697	24.574	ug/L	93
48) 2-Hexanone	10.965	43	260310	67.970	ug/L	97
49) Dibromochloromethane	11.130	129	179795	27.349	ug/L	97
50) 1,2-Dibromoethane	11.233	107	163166	28.440	ug/L	96
51) Chlorobenzene	11.654	112	598986	25.745	ug/L	99
52) Ethylbenzene	11.727	91	1104606	25.853	ug/L	98
53) m,p-Xylene	11.837	106	405558	25.883	ug/L	99
54) o-Xylene	12.166	106	391229	26.690	ug/L	92
55) Styrene	12.178	104	678719	27.509	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	224144	29.969	ug/L	99
59) Bromoform	12.349	173	103137	27.631	ug/L	94
60) Isopropylbenzene	12.459	105	1095004	25.662	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	165380	29.293	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	882237	26.191	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	860003	26.515	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	439038	24.828	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	439737	24.350	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	405693	26.170	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	36140	29.181	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	309409	26.135	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	252536	26.259	ug/L	96
71) Naphthalene	15.361	128	567580	31.628	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	233630	27.785	ug/L	99

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

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