

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025747.D
 Acq On : 28 Apr 2023 00:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 04:08:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	570663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	521037	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256772	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	136686	19.635	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	78.560%		
7) Chloroethane-d5	2.899	69	113338	22.709	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	90.840%		
11) 1,1-Dichloroethene-d2	4.033	63	360040	22.685	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	90.760%		
21) 2-Butanone-d5	7.075	46	119624	52.075	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	104.160%		
24) Chloroform-d	7.648	84	389411	25.437	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	101.760%		
26) 1,2-Dichloroethane-d4	8.301	65	221511	26.542	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	106.160%		
32) Benzene-d6	8.276	84	761092	24.060	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	96.240%		
36) 1,2-Dichloropropane-d6	9.276	67	243416	23.790	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	95.160%		
41) Toluene-d8	10.319	98	681090	24.355	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	97.440%		
43) trans-1,3-Dichloroprop...	10.575	79	98426	24.685	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	98.720%		
47) 2-Hexanone-d5	10.922	63	89197	56.128	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	112.260%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	193604	25.674	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	102.680%		
66) 1,2-Dichlorobenzene-d4	13.849	152	223143	25.366	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	101.480%		
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	193648m	26.799	ug/L	
3) Chloromethane	2.223	50	211674	22.176	ug/L	100
5) Vinyl chloride	2.375	62	210742	20.998	ug/L	95
6) Bromomethane	2.790	94	122732	23.114	ug/L	95
8) Chloroethane	2.936	64	123569	24.171	ug/L	99
9) Trichlorofluoromethane	3.265	101	161784	21.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	186843	23.733	ug/L	97
12) 1,1-Dichloroethene	4.045	96	179761	23.303	ug/L	91
13) Acetone	4.119	43	82212	38.611	ug/L	98
14) Carbon disulfide	4.393	76	632662	23.427	ug/L	99
15) Methyl Acetate	4.667	43	106637	25.287	ug/L	100
16) Methylene chloride	4.917	84	228882	21.232	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	199742	24.582	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	320150	27.379	ug/L	99
19) 1,1-Dichloroethane	6.216	63	418171	25.252	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	218567	25.644	ug/L #	98
22) 2-Butanone	7.173	43	135172	50.070	ug/L	98
23) Bromochloromethane	7.514	128	92677	26.183	ug/L	95
25) Chloroform	7.673	83	392168	25.784	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	281875	27.076	ug/L	99
29) Cyclohexane	7.959	56	383071	23.632	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	308940	24.353	ug/L	98
31) Carbon tetrachloride	8.069	117	277369	24.099	ug/L	99
33) Benzene	8.325	78	892647	25.104	ug/L	100
34) Trichloroethene	9.093	95	221881	24.158	ug/L	97
35) Methylcyclohexane	9.337	83	387994	23.768	ug/L	100
37) 1,2-Dichloropropane	9.368	63	238054	24.837	ug/L	100
38) Bromodichloromethane	9.642	83	278221	25.681	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	342502	24.954	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	304435	52.659	ug/L	99
42) Toluene	10.386	91	927358	25.564	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	290086	25.726	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	160711	25.877	ug/L	98
46) Tetrachloroethene	10.861	164	154071	23.688	ug/L	94
48) 2-Hexanone	10.965	43	210313	51.660	ug/L	96
49) Dibromochloromethane	11.129	129	172202	26.770	ug/L	93
50) 1,2-Dibromoethane	11.233	107	149147	26.178	ug/L #	98
51) Chlorobenzene	11.654	112	557502	24.972	ug/L	99
52) Ethylbenzene	11.727	91	1043973	25.663	ug/L	99
53) m,p-Xylene	11.837	106	381366	25.394	ug/L	96
54) o-Xylene	12.166	106	365139	26.076	ug/L	92
55) Styrene	12.178	104	636196	26.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	194059	25.513	ug/L	97
59) Bromoform	12.349	173	95601	26.871	ug/L	97
60) Isopropylbenzene	12.459	105	1014606	25.728	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	146460	26.226	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	818808	26.407	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	755543	26.975	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	417993	25.115	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	419951	24.887	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	373634	25.446	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31535	24.665	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	266577	24.620	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	222407	24.056	ug/L	98
71) Naphthalene	15.360	128	441471	26.734	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	205596	25.194	ug/L	98

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

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