

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041924\
 Data File : VW028486.D
 Acq On : 19 Apr 2024 09:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2024
 Supervised By :Mahesh Dadoda 04/22/2024

Quant Time: Apr 19 21:41:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 18 02:19:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	317610	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291064	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	92388	18.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.560%
7) Chloroethane-d5	2.899	69	77100	19.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	4.027	65	41830	19.399	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.600%
21) 2-Butanone-d5	7.081	46	43628	45.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.580%
24) Chloroform-d	7.654	84	190359	22.969	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	8.307	65	99522	23.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.440%
32) Benzene-d6	8.276	84	357941	22.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	9.276	67	109048	23.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	10.325	98	323467	22.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.575	79	41100	21.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.480%
47) 2-Hexanone-d5	10.922	63	29368	44.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80548	24.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	13.855	152	106439	22.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78043	18.269	ug/L	99
3) Chloromethane	2.222	50	105100	20.955	ug/L	100
5) Vinyl chloride	2.375	62	128028	21.435	ug/L	99
6) Bromomethane	2.796	94	76880	20.602	ug/L	99
8) Chloroethane	2.936	64	76092	21.133	ug/L	98
9) Trichlorofluoromethane	3.277	101	107731	22.610	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97207	21.685	ug/L	97
12) 1,1-Dichloroethene	4.045	96	92595	21.999	ug/L	94
13) Acetone	4.125	43	52984	45.289	ug/L	97
14) Carbon disulfide	4.393	76	288166	20.795	ug/L	100
15) Methyl Acetate	4.673	43	39943m	21.219	ug/L	
16) Methylene chloride	4.923	84	100601	20.932	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	96575	21.782	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	135462	21.720	ug/L	99
19) 1,1-Dichloroethane	6.222	63	193512	22.401	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	102725	21.830	ug/L	97
22) 2-Butanone	7.173	43	57193	40.283	ug/L	100
23) Bromochloromethane	7.520	128	43307	21.366	ug/L	95
25) Chloroform	7.679	83	192001	22.626	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	128311	21.908	ug/L	100
29) Cyclohexane	7.959	56	171261	22.276	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	159294	22.566	ug/L	99
31) Carbon tetrachloride	8.075	117	141430	22.594	ug/L	99
33) Benzene	8.325	78	405992	22.309	ug/L	100
34) Trichloroethene	9.093	95	108421	21.984	ug/L	97
35) Methylcyclohexane	9.337	83	183886	21.850	ug/L	99
37) 1,2-Dichloropropane	9.368	63	107295	22.621	ug/L	99
38) Bromodichloromethane	9.642	83	129470	22.022	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	155656	22.379	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	107871	45.431	ug/L	100
42) Toluene	10.386	91	440007	22.823	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	124559	22.136	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70414	21.943	ug/L	97
46) Tetrachloroethene	10.861	164	78118	21.206	ug/L	95
48) 2-Hexanone	10.965	43	82498	43.772	ug/L	98
49) Dibromochloromethane	11.129	129	78287	22.826	ug/L	98
50) 1,2-Dibromoethane	11.233	107	63473	21.672	ug/L	91
51) Chlorobenzene	11.654	112	265793	22.180	ug/L	94
52) Ethylbenzene	11.727	91	501713	22.957	ug/L	99
53) m,p-Xylene	11.837	106	182713	22.482	ug/L	99
54) o-Xylene	12.160	106	171996	22.729	ug/L	99
55) Styrene	12.178	104	299557	23.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	78805	21.700	ug/L	97
59) Bromoform	12.349	173	42255	21.667	ug/L	99
60) Isopropylbenzene	12.458	105	493920	22.300	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	56471	20.907	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	313298	22.193	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	389271	22.913	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	202929	21.593	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	202135	21.144	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	181678	21.977	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11936	19.284	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	142417	22.022	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	108462	21.477	ug/L	92
71) Naphthalene	15.360	128	196803	22.019	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	98308	21.937	ug/L	99

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

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