

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021577.D
 Acq On : 22 Dec 2021 20:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Dec 23 00:39:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

12/24/2021
 Supervised By : Mahesh
 Dadoda

01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	118531	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	121072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70004	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.349	65	51292	23.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
7) Chloroethane-d5	2.879	69	34413	24.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	4.019	63	77539	26.942	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.760%
21) 2-Butanone-d5	7.080	46	19800m	65.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.140%
24) Chloroform-d	7.647	84	90155	27.293	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.160%
26) 1,2-Dichloroethane-d4	8.305	65	48992	27.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.520%
32) Benzene-d6	8.275	84	172837	26.044	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.160%
36) 1,2-Dichloropropane-d6	9.274	67	47608	26.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	10.323	98	178147	26.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.080%
43) trans-1,3-Dichloroprop...	10.579	79	23129	28.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.880%
47) 2-Hexanone-d5	10.921	63	16806	63.857	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.720%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	41034	26.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	68238	25.152	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.600%

Target Compounds	Qvalue
2) Dichlorodifluoromethane	2.007 85 12334 26.932 ug/L 93
3) Chloromethane	2.209 50 31818 20.985 ug/L 100
5) Vinyl chloride	2.355 62 47269 19.859 ug/L 94
6) Bromomethane	2.776 94 30226 19.578 ug/L 99
8) Chloroethane	2.916 64 22783 20.777 ug/L 99
9) Trichlorofluoromethane	3.257 101 30220 24.063 ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	4.062 101 40757 24.902 ug/L 91
12) 1,1-Dichloroethene	4.038 96 35903 24.436 ug/L 84
13) Acetone	4.129 43 15387 56.405 ug/L 95
14) Carbon disulfide	4.379 76 80278 21.158 ug/L 99
15) Methyl Acetate	4.678 43 14202 30.173 ug/L # 89
16) Methylene chloride	4.916 84 40383 20.619 ug/L 82
17) trans-1,2-Dichloroethene	5.428 96 38707 24.331 ug/L 81
18) Methyl tert-butyl Ether	5.434 73 63553 28.926 ug/L 94
19) 1,1-Dichloroethane	6.220 63 64634 25.892 ug/L 98
20) cis-1,2-Dichloroethene	7.165 96 44046 26.250 ug/L 72
22) 2-Butanone	7.177 43 21091 59.202 ug/L 87
23) Bromochloromethane	7.513 128 20811 26.525 ug/L # 65
25) Chloroform	7.677 83 76490 26.395 ug/L 97

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27) 1,2-Dichloroethane	8.397	62	49455	26.949	ug/L	97	
29) Cyclohexane	7.958	56	56146	23.299	ug/L #	82	
30) 1,1,1-Trichloroethane	7.872	97	67567	24.873	ug/L	95	
31) Carbon tetrachloride	8.067	117	59452	23.724	ug/L	95	
33) Benzene	8.323	78	154067	23.360	ug/L	100	
34) Trichloroethene	9.092	95	44518	24.045	ug/L	93	
35) Methylcyclohexane	9.335	83	68859	22.547	ug/L #	85	
37) 1,2-Dichloropropane	9.366	63	36432	24.764	ug/L #	96	
38) Bromodichloromethane	9.646	83	53684	26.540	ug/L #	95	
39) cis-1,3-Dichloropropene	10.073	75	60626	26.143	ug/L	98	
40) 4-Methyl-2-pentanone	10.207	43	44509	55.525	ug/L #	90	
42) Toluene	10.384	91	182433	23.651	ug/L	99	
44) trans-1,3-Dichloropropene	10.604	75	54244	26.705	ug/L	99	
45) 1,1,2-Trichloroethane	10.786	97	31535	26.190	ug/L	93	
46) Tetrachloroethene	10.860	164	38839	22.083	ug/L	92	
48) 2-Hexanone	10.963	43	32618	56.112	ug/L #	93	
49) Dibromochloromethane	11.128	129	39003	26.275	ug/L	94	
50) 1,2-Dibromoethane	11.231	107	30871	25.762	ug/L	97	
51) Chlorobenzene	11.658	112	118881	23.020	ug/L	93	
52) Ethylbenzene	11.725	91	204089	23.153	ug/L	98	
53) m,p-Xylene	11.841	106	82197	23.115	ug/L	87	
54) o-Xylene	12.164	106	78813	23.354	ug/L	92	
55) Styrene	12.176	104	136681	23.797	ug/L	97	
57) 1,1,2,2-Tetrachloroethane	12.713	83	35878	25.993	ug/L #	96	
59) Bromoform	12.347	173	23009	27.624	ug/L	94	
60) Isopropylbenzene	12.463	105	222991	23.443	ug/L	96	
61) 1,2,3-Trichloropropane	12.768	75	27072	26.572	ug/L #	92	
62) 1,3,5-Trimethylbenzene	12.945	105	182211	22.511	ug/L	93	
63) 1,2,4-Trimethylbenzene	13.249	105	186457	23.351	ug/L	95	
64) 1,3-Dichlorobenzene	13.499	146	103669	23.106	ug/L	89	
65) 1,4-Dichlorobenzene	13.579	146	104828	23.516	ug/L	89	
67) 1,2-Dichlorobenzene	13.865	146	90448	22.898	ug/L	98	
68) 1,2-Dibromo-3-chloropr...	14.481	75	5419	25.787	ug/L #	69	
69) 1,3,5-Trichlorobenzene	14.627	180	75284	22.450	ug/L	99	
70) 1,2,4-trichlorobenzene	15.127	180	59579	22.089	ug/L	96	
71) Naphthalene	15.359	128	106313	24.261	ug/L	99	
72) 1,2,3-Trichlorobenzene	15.548	180	47725	21.410	ug/L	96	

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

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