

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081922\
 Data File : VW024282.D
 Acq On : 19 Aug 2022 10:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Aug 20 00:50:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	263134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	257861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	146275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	106523	19.367	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.480%		
7) Chloroethane-d5	2.873	69	77276	22.554	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.200%		
11) 1,1-Dichloroethene-d2	4.013	63	129579	20.672	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.680%		
21) 2-Butanone-d5	7.080	46	48228	47.131	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.260%		
24) Chloroform-d	7.647	84	181538	22.801	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.200%		
26) 1,2-Dichloroethane-d4	8.299	65	100015	22.626	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.520%		
32) Benzene-d6	8.268	84	325989	21.436	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.760%		
36) 1,2-Dichloropropane-d6	9.268	67	98040	21.835	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.320%		
41) Toluene-d8	10.317	98	300508	21.141	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.560%		
43) trans-1,3-Dichloroprop...	10.579	79	43281	22.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.040%		
47) 2-Hexanone-d5	10.920	63	38521	46.447	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.900%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	98001	22.496	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.000%		
66) 1,2-Dichlorobenzene-d4	13.853	152	118587	22.154	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	39475	17.052	ug/L	99
3) Chloromethane	2.209	50	95067	21.896	ug/L	97
5) Vinyl chloride	2.349	62	148134	24.510	ug/L	99
6) Bromomethane	2.763	94	90801	26.202	ug/L	88
8) Chloroethane	2.910	64	70046	26.458	ug/L	96
9) Trichlorofluoromethane	3.245	101	59756	20.857	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	90709	23.475	ug/L	97
12) 1,1-Dichloroethene	4.031	96	75455	23.852	ug/L	94
13) Acetone	4.129	43	33783m	44.842	ug/L	
14) Carbon disulfide	4.373	76	198667	19.626	ug/L	98
15) Methyl Acetate	4.672	43	40567	23.906	ug/L	98
16) Methylene chloride	4.909	84	99363	21.413	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	91542	25.058	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	160344	30.780	ug/L	99
19) 1,1-Dichloroethane	6.208	63	170771	26.537	ug/L	98
20) cis-1,2-Dichloroethene	7.159	96	102301	25.499	ug/L #	100
22) 2-Butanone	7.171	43	56645	44.620	ug/L	99
23) Bromochloromethane	7.513	128	50735	25.392	ug/L	91
25) Chloroform	7.671	83	194556	27.436	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	127513	26.723	ug/L	97
29) Cyclohexane	7.951	56	131301	24.837	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	160473	27.596	ug/L	99
31) Carbon tetrachloride	8.067	117	143430	26.145	ug/L	99
33) Benzene	8.317	78	395373	25.960	ug/L	100
34) Trichloroethene	9.085	95	102856	25.551	ug/L	98
35) Methylcyclohexane	9.329	83	160691	25.456	ug/L	98
37) 1,2-Dichloropropane	9.366	63	99357	26.391	ug/L	99
38) Bromodichloromethane	9.640	83	143461	27.169	ug/L	100
39) cis-1,3-Dichloropropene	10.067	75	152335	27.504	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	125494	50.226	ug/L	99
42) Toluene	10.384	91	434134	26.825	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	140777	27.817	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	83491	26.312	ug/L	97
46) Tetrachloroethene	10.859	164	82231	25.233	ug/L	94
48) 2-Hexanone	10.963	43	86857	51.223	ug/L	97
49) Dibromochloromethane	11.122	129	103029	26.970	ug/L	99
50) 1,2-Dibromoethane	11.231	107	76319	25.103	ug/L	97
51) Chlorobenzene	11.652	112	293263	26.522	ug/L	93
52) Ethylbenzene	11.725	91	486232	27.422	ug/L	100
53) m,p-Xylene	11.835	106	188750	27.347	ug/L	97
54) o-Xylene	12.164	106	182513	27.990	ug/L	93
55) Styrene	12.176	104	321346	28.336	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	99748	25.153	ug/L	98
59) Bromoform	12.347	173	54515	24.433	ug/L	100
60) Isopropylbenzene	12.463	105	496498	28.039	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	72110	24.771	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	417374	28.522	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	415049	28.800	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	234722	27.070	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	238479	25.973	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	222343	27.003	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	15873	23.338	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	163355	28.730	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	134627	29.566	ug/L	97
71) Naphthalene	15.359	128	262041	29.545	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	127919	30.857	ug/L	97

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

