

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042822\
 Data File : VW022672.D
 Acq On : 28 Apr 2022 19:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025504

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/01/2022
 Supervised By :Mahesh Dadoda 05/04/2022

Quant Time: Apr 29 01:12:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 01:08:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	285581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	282458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120966	19.160	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.640%		
7) Chloroethane-d5	2.891	69	88914	22.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.880%		
11) 1,1-Dichloroethene-d2	4.019	63	181372	22.149	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.600%		
21) 2-Butanone-d5	7.080	46	53973	48.967	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.940%		
24) Chloroform-d	7.647	84	226462	25.370	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.480%		
26) 1,2-Dichloroethane-d4	8.305	65	114161	22.384	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.520%		
32) Benzene-d6	8.275	84	407062	23.588	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.360%		
36) 1,2-Dichloropropane-d6	9.274	67	119910	24.011	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.040%		
41) Toluene-d8	10.323	98	394216	23.324	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.280%		
43) trans-1,3-Dichloroprop...	10.579	79	50774	21.543	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.160%		
47) 2-Hexanone-d5	10.921	63	44192	47.562	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.120%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	108614	25.578	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.320%		
66) 1,2-Dichlorobenzene-d4	13.853	152	140960	24.744	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35658	25.471	ug/L	99
3) Chloromethane	2.221	50	76730	21.983	ug/L	96
5) Vinyl chloride	2.361	62	157278	21.595	ug/L	97
6) Bromomethane	2.782	94	95868	21.654	ug/L	97
8) Chloroethane	2.922	64	78553	24.637	ug/L	100
9) Trichlorofluoromethane	3.257	101	82216	30.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117557	27.457	ug/L	95
12) 1,1-Dichloroethene	4.038	96	101532	26.405	ug/L	93
13) Acetone	4.123	43	37080	49.410	ug/L	92
14) Carbon disulfide	4.385	76	237460	18.772	ug/L	98
15) Methyl Acetate	4.672	43	46621	24.756	ug/L	95
16) Methylene chloride	4.922	84	118659m	27.613	ug/L	
17) trans-1,2-Dichloroethene	5.422	96	114644	25.451	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	187368	25.470	ug/L #	86
19) 1,1-Dichloroethane	6.214	63	208039	25.312	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	131978	27.742	ug/L #	84
22) 2-Butanone	7.171	43	59275	52.296	ug/L	96
23) Bromochloromethane	7.519	128	58953	28.794	ug/L	87
25) Chloroform	7.677	83	237410	27.425	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147766	24.287	ug/L #	93
29) Cyclohexane	7.958	56	167842	20.762	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	200789	25.626	ug/L	97
31) Carbon tetrachloride	8.067	117	181946	25.873	ug/L	99
33) Benzene	8.323	78	477033	24.875	ug/L	100
34) Trichloroethene	9.092	95	130136	25.344	ug/L	94
35) Methylcyclohexane	9.335	83	202484	21.979	ug/L	95
37) 1,2-Dichloropropane	9.366	63	117773	25.635	ug/L	100
38) Bromodichloromethane	9.640	83	170844	25.859	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	187121	25.668	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	140512	50.116	ug/L	94
42) Toluene	10.384	91	551122	25.080	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	163931	25.114	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	98100	27.979	ug/L	96
46) Tetrachloroethene	10.860	164	99593	26.386	ug/L	92
48) 2-Hexanone	10.969	43	94041	47.544	ug/L	98
49) Dibromochloromethane	11.128	129	120997	28.935	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95346	27.539	ug/L	99
51) Chlorobenzene	11.652	112	365033	27.183	ug/L	96
52) Ethylbenzene	11.731	91	619676	25.158	ug/L	98
53) m,p-Xylene	11.835	106	244898	26.149	ug/L	91
54) o-Xylene	12.164	106	241960	27.036	ug/L	91
55) Styrene	12.176	104	413071	27.015	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	116696	27.116	ug/L	98
59) Bromoform	12.353	173	58717	24.569	ug/L	99
60) Isopropylbenzene	12.463	105	657925	24.626	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	82673	24.165	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	370880	25.242	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	553667	24.780	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	294594	27.169	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	292282	27.029	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	258701	26.679	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17206	21.685	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	186023	26.295	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148839	25.051	ug/L	97
71) Naphthalene	15.359	128	326192	26.030	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	131795	25.951	ug/L	96

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

