

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021011.D
 Acq On : 01 Dec 2021 22:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025503

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 02 06:58:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	112248	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	65057	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	28577	20.330	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.320%		
7) Chloroethane-d5	2.886	69	22193	24.481	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.920%		
11) 1,1-Dichloroethene-d2	4.019	63	63092	23.199	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.800%		
21) 2-Butanone-d5	7.080	46	23417	66.744	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	133.480%		
24) Chloroform-d	7.653	84	82413	26.991	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.960%		
26) 1,2-Dichloroethane-d4	8.305	65	46057	29.717	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	118.880%		
32) Benzene-d6	8.275	84	150763	25.484	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.920%		
36) 1,2-Dichloropropane-d6	9.275	67	44431	26.374	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.480%		
41) Toluene-d8	10.323	98	150961	25.709	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.840%		
43) trans-1,3-Dichloroprop...	10.579	79	21263	26.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	106.800%		
47) 2-Hexanone-d5	10.921	63	19090	68.324	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	136.640%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	41197	31.922	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	127.680%#		
66) 1,2-Dichlorobenzene-d4	13.847	152	60181	25.954	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	9003	25.671	ug/L	98
3) Chloromethane	2.215	50	20739	19.450	ug/L	99
5) Vinyl chloride	2.361	62	41625	22.570	ug/L	98
6) Bromomethane	2.776	94	27282	26.678	ug/L	96
8) Chloroethane	2.922	64	17886	23.069	ug/L	95
9) Trichlorofluoromethane	3.257	101	23609	21.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	38761	23.735	ug/L	94
12) 1,1-Dichloroethene	4.044	96	33839	22.287	ug/L	81
13) Acetone	4.123	43	13950m	44.534	ug/L	
14) Carbon disulfide	4.385	76	78377	19.087	ug/L	100
15) Methyl Acetate	4.672	43	15785	28.099	ug/L	91
16) Methylene chloride	4.922	84	38612	22.846	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	37039	22.634	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	64968	26.449	ug/L	96
19) 1,1-Dichloroethane	6.220	63	66877	24.665	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	42437	24.062	ug/L	83
22) 2-Butanone	7.171	43	21284	50.010	ug/L	89
23) Bromochloromethane	7.513	128	19242	23.865	ug/L #	70
25) Chloroform	7.677	83	74057	24.989	ug/L	99

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27) 1,2-Dichloroethane	8.403	62	49615	27.648	ug/L	98
29) Cyclohexane	7.958	56	56727	22.668	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	64746	23.986	ug/L	95
31) Carbon tetrachloride	8.067	117	57736	22.599	ug/L	97
33) Benzene	8.324	78	153076	24.086	ug/L	100
34) Trichloroethene	9.092	95	42587	23.957	ug/L	95
35) Methylcyclohexane	9.336	83	64652	22.059	ug/L	88
37) 1,2-Dichloropropane	9.366	63	36204	24.477	ug/L #	96
38) Bromodichloromethane	9.646	83	52893	24.918	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61772	25.294	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	51220	58.180	ug/L #	94
42) Toluene	10.390	91	174847	24.459	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	56286	26.225	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	30714	26.699	ug/L	95
46) Tetrachloroethene	10.860	164	36727	22.502	ug/L	94
48) 2-Hexanone	10.963	43	34774	57.024	ug/L #	94
49) Dibromochloromethane	11.128	129	39456	24.878	ug/L	95
50) 1,2-Dibromoethane	11.232	107	30545	26.484	ug/L #	98
51) Chlorobenzene	11.658	112	118890	25.006	ug/L	92
52) Ethylbenzene	11.731	91	211627	26.716	ug/L	100
53) m,p-Xylene	11.835	106	92233	28.519	ug/L	91
54) o-Xylene	12.164	106	78030	25.122	ug/L	99
55) Styrene	12.183	104	130946	25.390	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	37617	29.503	ug/L #	92
59) Bromoform	12.347	173	22964	23.674	ug/L	97
60) Isopropylbenzene	12.463	105	215959	24.372	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	28083	29.429	ug/L	94
62) 1,3,5-Trimethylbenzene	12.939	105	192345	25.732	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	202851	27.505	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	98213	23.641	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	98117	23.413	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	87840	23.995	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6596	28.912	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.627	180	74184	22.546	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	60316	22.407	ug/L	96
71) Naphthalene	15.365	128	118146	26.936	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	53636	23.612	ug/L	97

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

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