

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022876.D
 Acq On : 06 May 2022 08:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: May 06 23:59:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 06 02:14:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/10/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	314440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	303676	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175102	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	150963	23.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.600%
7) Chloroethane-d5	2.885	69	120074	28.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.440%
11) 1,1-Dichloroethene-d2	4.019	63	192682	23.115	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.480%
21) 2-Butanone-d5	7.074	46	61957	50.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.020%
24) Chloroform-d	7.653	84	246688	26.778	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.120%
26) 1,2-Dichloroethane-d4	8.305	65	133627	26.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	8.275	84	460610	26.315	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.280%
36) 1,2-Dichloropropane-d6	9.274	67	134961	27.449	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.800%
41) Toluene-d8	10.323	98	449540	26.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.360%
43) trans-1,3-Dichloroprop...	10.579	79	59811	26.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.680%
47) 2-Hexanone-d5	10.920	63	53232	56.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	132327	28.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	164309	26.844	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	46416	27.079	ug/L	94
3) Chloromethane	2.221	50	77407	23.369	ug/L	99
5) Vinyl chloride	2.361	62	157325	23.667	ug/L	97
6) Bromomethane	2.776	94	103582	24.269	ug/L	95
8) Chloroethane	2.922	64	85849	26.776	ug/L	97
9) Trichlorofluoromethane	3.257	101	72712	23.932	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	108682	23.923	ug/L	97
12) 1,1-Dichloroethene	4.044	96	93019	23.097	ug/L	93
13) Acetone	4.129	43	37912	41.284	ug/L	97
14) Carbon disulfide	4.385	76	223354	20.229	ug/L	98
15) Methyl Acetate	4.672	43	42923m	23.266	ug/L	
16) Methylene chloride	4.921	84	104624	22.739	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	103793	22.902	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	162159	23.439	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	187277	24.381	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	115496	23.726	ug/L #	97
22) 2-Butanone	7.165	43	56662	44.120	ug/L	98
23) Bromochloromethane	7.512	128	53848	23.620	ug/L	91
25) Chloroform	7.677	83	213246	25.107	ug/L	94

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27) 1,2-Dichloroethane	8.403	62	137045	24.206	ug/L	100
29) Cyclohexane	7.958	56	158239	24.094	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	178451	24.866	ug/L	98
31) Carbon tetrachloride	8.067	117	164005	24.431	ug/L	99
33) Benzene	8.323	78	443877	24.812	ug/L	100
34) Trichloroethene	9.091	95	117200	23.822	ug/L	97
35) Methylcyclohexane	9.335	83	193890	23.989	ug/L	98
37) 1,2-Dichloropropane	9.366	63	107682	24.873	ug/L	99
38) Bromodichloromethane	9.646	83	154614	25.144	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	170150	25.347	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	128350	47.037	ug/L	100
42) Toluene	10.384	91	507585	25.317	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	152229	25.407	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	91190	25.197	ug/L	93
46) Tetrachloroethene	10.859	164	91312	24.697	ug/L	94
48) 2-Hexanone	10.969	43	88218	48.386	ug/L	98
49) Dibromochloromethane	11.128	129	108460	24.900	ug/L	94
50) 1,2-Dibromoethane	11.231	107	87493	24.076	ug/L #	98
51) Chlorobenzene	11.652	112	339844	25.712	ug/L	97
52) Ethylbenzene	11.725	91	573716	25.722	ug/L	99
53) m,p-Xylene	11.835	106	225800	25.692	ug/L	95
54) o-Xylene	12.164	106	220107	26.099	ug/L	98
55) Styrene	12.176	104	384877	26.857	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	116107	25.685	ug/L	96
59) Bromoform	12.347	173	57130	23.022	ug/L	99
60) Isopropylbenzene	12.463	105	606221	25.272	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	81604	23.324	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	338122	25.336	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	512200	25.561	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	271161	25.318	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	273398	24.714	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	252651	25.779	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17570	22.978	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	182219	25.631	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148022	25.884	ug/L	98
71) Naphthalene	15.359	128	312097	25.109	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	128391	25.331	ug/L	99

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

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