

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023163.D
 Acq On : 19 May 2022 09:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: May 20 01:43:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 04:23:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	303039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	125541	20.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.760%
7) Chloroethane-d5	2.885	69	101318	25.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	4.013	63	182758	22.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.000%
21) 2-Butanone-d5	7.074	46	58599	49.572	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.140%
24) Chloroform-d	7.647	84	242511	27.315	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.305	65	128367	26.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.440%
32) Benzene-d6	8.275	84	446361	26.209	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.840%
36) 1,2-Dichloropropane-d6	9.274	67	125195	26.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.680%
41) Toluene-d8	10.323	98	419403	25.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.960%
43) trans-1,3-Dichloroprop...	10.573	79	54122	24.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.280%
47) 2-Hexanone-d5	10.920	63	47924	52.475	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120477	27.018	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	156916	26.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	34603	20.947	ug/L	97
3) Chloromethane	2.215	50	65126	20.401	ug/L	99
5) Vinyl chloride	2.361	62	118972	18.570	ug/L	97
6) Bromomethane	2.776	94	78674	19.126	ug/L	94
8) Chloroethane	2.922	64	67054	21.700	ug/L	99
9) Trichlorofluoromethane	3.257	101	66377	22.669	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	107490m	24.550	ug/L	
12) 1,1-Dichloroethene	4.044	96	87380	22.513	ug/L	86
13) Acetone	4.117	43	38633	43.652	ug/L	99
14) Carbon disulfide	4.385	76	169769	15.955	ug/L	99
15) Methyl Acetate	4.665	43	36703	20.643	ug/L	99
16) Methylene chloride	4.915	84	93294	21.040	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	90480	20.716	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	158935	23.837	ug/L	99
19) 1,1-Dichloroethane	6.214	63	174935	23.631	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	108284	23.082	ug/L #	98
22) 2-Butanone	7.171	43	54202	43.792	ug/L	100
23) Bromochloromethane	7.506	128	54076	24.613	ug/L	91
25) Chloroform	7.671	83	209190	25.556	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	129902	23.807	ug/L	98
29) Cyclohexane	7.958	56	136569	21.372	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	177154	25.371	ug/L	100
31) Carbon tetrachloride	8.061	117	158700	24.297	ug/L	99
33) Benzene	8.323	78	416948	23.953	ug/L	100
34) Trichloroethene	9.092	95	109044	22.779	ug/L	98
35) Methylcyclohexane	9.335	83	168177	21.385	ug/L	99
37) 1,2-Dichloropropane	9.366	63	101643	24.130	ug/L	99
38) Bromodichloromethane	9.646	83	147123	24.590	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	159497	24.420	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	117875	44.397	ug/L	99
42) Toluene	10.384	91	465218	23.848	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	144156	24.727	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87097	24.734	ug/L	98
46) Tetrachloroethene	10.860	164	81648	22.696	ug/L	93
48) 2-Hexanone	10.963	43	85179	48.016	ug/L	98
49) Dibromochloromethane	11.128	129	110443	26.059	ug/L	98
50) 1,2-Dibromoethane	11.231	107	83524	23.622	ug/L	98
51) Chlorobenzene	11.658	112	308124	23.959	ug/L	96
52) Ethylbenzene	11.725	91	538286	24.803	ug/L	99
53) m,p-Xylene	11.835	106	212913	24.898	ug/L	100
54) o-Xylene	12.164	106	205641	25.060	ug/L	96
55) Styrene	12.176	104	358204	25.689	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	108722	24.719	ug/L	99
59) Bromoform	12.347	173	55856	23.393	ug/L	97
60) Isopropylbenzene	12.463	105	582841	25.251	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	77292	22.959	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	320389	24.950	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	483649	25.083	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	256792	24.918	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	256526	24.099	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	241676	25.628	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	16214	22.037	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	182196	26.634	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	135187	24.567	ug/L	96
71) Naphthalene	15.359	128	283952	23.742	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	123726	25.369	ug/L	98

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

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