

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023575.D
 Acq On : 07 Jul 2022 15:15
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Jul 08 01:39:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 15:07:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	338834	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	331128	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	182298	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	146427	23.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.480%		
7) Chloroethane-d5	2.879	69	91789	26.166	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	104.680%		
11) 1,1-Dichloroethene-d2	4.019	63	164066	23.726	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.920%		
21) 2-Butanone-d5	7.074	46	65193	51.184	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.360%		
24) Chloroform-d	7.647	84	228319	23.657	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.640%		
26) 1,2-Dichloroethane-d4	8.305	65	127918	23.450	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.800%		
32) Benzene-d6	8.275	84	431200	23.535	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.160%		
36) 1,2-Dichloropropane-d6	9.274	67	127567	23.782	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.120%		
41) Toluene-d8	10.323	98	418367	23.558	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.240%		
43) trans-1,3-Dichloroprop...	10.579	79	56134	23.444	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.760%		
47) 2-Hexanone-d5	10.920	63	54133	51.600	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.200%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	132169	24.837	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.360%		
66) 1,2-Dichlorobenzene-d4	13.853	152	161688	24.584	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	66842	32.980	ug/L	96
3) Chloromethane	2.215	50	113541	24.191	ug/L	98
5) Vinyl chloride	2.355	62	189670	24.858	ug/L	96
6) Bromomethane	2.769	94	101989	23.153	ug/L	99
8) Chloroethane	2.916	64	76158	26.420	ug/L	94
9) Trichlorofluoromethane	3.245	101	67515	22.180	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	113616	23.511	ug/L	98
12) 1,1-Dichloroethene	4.037	96	97281	24.144	ug/L	96
13) Acetone	4.129	43	40193	42.817	ug/L	92
14) Carbon disulfide	4.385	76	279234	23.277	ug/L	99
15) Methyl Acetate	4.665	43	56122	25.471	ug/L	99
16) Methylene chloride	4.915	84	122066	21.243	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	116298	23.980	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	187175	26.140	ug/L	99
19) 1,1-Dichloroethane	6.214	63	211496	24.861	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	134108m	25.247	ug/L	
22) 2-Butanone	7.171	43	77551	46.042	ug/L	100
23) Bromochloromethane	7.512	128	64535	24.416	ug/L	98
25) Chloroform	7.677	83	241916	25.034	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	166234	25.420	ug/L	100
29) Cyclohexane	7.951	56	168324	24.436	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	187910	23.869	ug/L	100
31) Carbon tetrachloride	8.067	117	170659	23.399	ug/L	100
33) Benzene	8.323	78	504029	24.241	ug/L	100
34) Trichloroethene	9.091	95	130615	24.102	ug/L	97
35) Methylcyclohexane	9.335	83	206979	23.741	ug/L	99
37) 1,2-Dichloropropane	9.366	63	123575	24.583	ug/L	100
38) Bromodichloromethane	9.646	83	179319	25.266	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	194559	25.374	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	183613	54.866	ug/L	99
42) Toluene	10.384	91	578437	25.497	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	182809	25.858	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	109325	25.267	ug/L	96
46) Tetrachloroethene	10.859	164	99074	23.258	ug/L	97
48) 2-Hexanone	10.969	43	130441	55.016	ug/L	99
49) Dibromochloromethane	11.128	129	133445	25.907	ug/L	99
50) 1,2-Dibromoethane	11.231	107	110826	25.945	ug/L #	98
51) Chlorobenzene	11.652	112	384955	24.923	ug/L	98
52) Ethylbenzene	11.731	91	638635	24.933	ug/L	96
53) m,p-Xylene	11.835	106	256113	25.774	ug/L	97
54) o-Xylene	12.164	106	241594	25.388	ug/L	92
55) Styrene	12.176	104	444122	26.839	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	145308	26.100	ug/L	98
59) Bromoform	12.347	173	79891	26.199	ug/L	98
60) Isopropylbenzene	12.463	105	655024	24.863	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	105943	25.565	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	563479	25.791	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	566700	25.930	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	299770	24.054	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	309718	24.504	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	288676	25.119	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	24396	24.981	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	196215	24.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	162975	24.944	ug/L	99
71) Naphthalene	15.365	128	395426	28.038	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	154605	25.528	ug/L	99

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

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