

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022042.D
 Acq On : 02 Feb 2022 19:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Feb 03 00:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 00:41:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156184	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	143617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47835	25.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.720%	
7) Chloroethane-d5	2.879	69	36837	25.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.720%	
11) 1,1-Dichloroethene-d2	4.019	63	77200	23.226	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.920%	
21) 2-Butanone-d5	7.080	46	19652	58.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.780%	
24) Chloroform-d	7.647	84	89831	24.721	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.880%	
26) 1,2-Dichloroethane-d4	8.305	65	46198	25.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.200%	
32) Benzene-d6	8.275	84	172896	23.823	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.280%	
36) 1,2-Dichloropropane-d6	9.274	67	48377	24.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.040%	
41) Toluene-d8	10.323	98	174633	24.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.120%	
43) trans-1,3-Dichloroprop...	10.579	79	21493	24.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.440%	
47) 2-Hexanone-d5	10.920	63	17469	60.866	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.740%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42939	26.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.680%	
66) 1,2-Dichlorobenzene-d4	13.853	152	66285	23.832	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11052	30.380	ug/L	99
3) Chloromethane	2.215	50	39039	23.784	ug/L	98
5) Vinyl chloride	2.361	62	57864	24.545	ug/L	99
6) Bromomethane	2.776	94	37783	18.848	ug/L	100
8) Chloroethane	2.916	64	31277	25.819	ug/L	99
9) Trichlorofluoromethane	3.257	101	39586	22.243	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45857	24.319	ug/L	96
12) 1,1-Dichloroethene	4.038	96	41143	23.643	ug/L	95
13) Acetone	4.117	43	15745	50.523	ug/L	100
14) Carbon disulfide	4.385	76	116560	22.964	ug/L	99
15) Methyl Acetate	4.672	43	16045	28.155	ug/L #	87
16) Methylene chloride	4.915	84	43458	23.879	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	47408	24.431	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	64353	25.864	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	73289	24.377	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	49722	24.970	ug/L	99
22) 2-Butanone	7.165	43	22286	55.233	ug/L	98
23) Bromochloromethane	7.513	128	24496	24.983	ug/L	98
25) Chloroform	7.677	83	85633	25.163	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	52415	26.166	ug/L	96
29) Cyclohexane	7.958	56	67654	23.998	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	74630	23.481	ug/L	99
31) Carbon tetrachloride	8.067	117	72125	23.184	ug/L	97
33) Benzene	8.323	78	182755	24.271	ug/L	100
34) Trichloroethene	9.092	95	52389	24.471	ug/L	97
35) Methylcyclohexane	9.335	83	87347	24.183	ug/L	99
37) 1,2-Dichloropropane	9.366	63	41354	25.005	ug/L	100
38) Bromodichloromethane	9.640	83	59831	25.333	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	67990	25.632	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	46983	57.902	ug/L	99
42) Toluene	10.384	91	207002	24.252	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	59375	25.966	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	35987	25.601	ug/L	97
46) Tetrachloroethene	10.866	164	45391	22.746	ug/L	99
48) 2-Hexanone	10.969	43	34344	56.865	ug/L	94
49) Dibromochloromethane	11.128	129	46069	26.026	ug/L	99
50) 1,2-Dibromoethane	11.231	107	36530	26.248	ug/L	96
51) Chlorobenzene	11.658	112	140059	24.111	ug/L	93
52) Ethylbenzene	11.725	91	229747	24.396	ug/L	96
53) m,p-Xylene	11.835	106	97873	25.048	ug/L	95
54) o-Xylene	12.164	106	90922	24.875	ug/L	99
55) Styrene	12.176	104	153725	26.037	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	41207	26.932	ug/L	97
59) Bromoform	12.347	173	25090	24.640	ug/L #	95
60) Isopropylbenzene	12.463	105	248050	24.624	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29827	26.555	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	167178	25.023	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	201825	24.795	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	117268	24.297	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	111385	23.056	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	101790	23.730	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5595	24.484	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	78788	22.706	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	59133	21.454	ug/L	100
71) Naphthalene	15.359	128	108523	24.133	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	50825	21.574	ug/L	95

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

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