

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050422\
 Data File : VW022788.D
 Acq On : 04 May 2022 09:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025513

Quant Time: May 04 23:24:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	324995	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	313454	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	173535	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	168436	25.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.040%	
7) Chloroethane-d5	2.885	69	114258	26.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.360%	
11) 1,1-Dichloroethene-d2	4.019	63	218249	25.332	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.320%	
21) 2-Butanone-d5	7.073	46	66760	52.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.320%	
24) Chloroform-d	7.646	84	265282	27.861	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.440%	
26) 1,2-Dichloroethane-d4	8.305	65	144056	27.585	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.360%	
32) Benzene-d6	8.274	84	508781	28.160	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.640%	
36) 1,2-Dichloropropane-d6	9.268	67	146543	28.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 115.480%	
41) Toluene-d8	10.323	98	497312	28.494	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.960%	
43) trans-1,3-Dichloroprop...	10.579	79	64044	27.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.640%	
47) 2-Hexanone-d5	10.920	63	55610	57.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 114.800%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134998	28.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 114.160%	
66) 1,2-Dichlorobenzene-d4	13.853	152	172047	28.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34192	19.299	ug/L	95
3) Chloromethane	2.214	50	75492	22.051	ug/L	100
5) Vinyl chloride	2.361	62	163391	23.781	ug/L	97
6) Bromomethane	2.775	94	97799	22.170	ug/L	92
8) Chloroethane	2.916	64	74917	22.607	ug/L	100
9) Trichlorofluoromethane	3.251	101	75224	23.954	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	109654	23.353	ug/L	96
12) 1,1-Dichloroethene	4.037	96	97947	23.531	ug/L	94
13) Acetone	4.123	43	43042	45.348	ug/L	100
14) Carbon disulfide	4.379	76	244599	21.434	ug/L	99
15) Methyl Acetate	4.665	43	42062	22.058	ug/L #	71
16) Methylene chloride	4.909	84	107538	22.613	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	106226	22.678	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	168483	23.562	ug/L	99
19) 1,1-Dichloroethane	6.214	63	189763	23.903	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	118209	23.495	ug/L #	98
22) 2-Butanone	7.165	43	60500	45.578	ug/L	99
23) Bromochloromethane	7.512	128	54432	23.101	ug/L	93
25) Chloroform	7.671	83	214597	24.446	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	135299	23.121	ug/L	96
29) Cyclohexane	7.957	56	161486	23.821	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	185466	25.038	ug/L	99
31) Carbon tetrachloride	8.067	117	171837	24.799	ug/L	98
33) Benzene	8.323	78	448905	24.310	ug/L	100
34) Trichloroethene	9.091	95	123891	24.396	ug/L	97
35) Methylcyclohexane	9.335	83	198076	23.743	ug/L	98
37) 1,2-Dichloropropane	9.366	63	107687	24.098	ug/L	100
38) Bromodichloromethane	9.640	83	156724	24.692	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	177163	25.569	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129455	45.962	ug/L	99
42) Toluene	10.384	91	518182	25.040	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	154904	25.047	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	90404	24.201	ug/L	97
46) Tetrachloroethene	10.859	164	93931	24.613	ug/L	87
48) 2-Hexanone	10.963	43	89414	47.512	ug/L	99
49) Dibromochloromethane	11.128	129	110215	24.514	ug/L	94
50) 1,2-Dibromoethane	11.231	107	89867	23.958	ug/L	92
51) Chlorobenzene	11.652	112	337887	24.766	ug/L	98
52) Ethylbenzene	11.725	91	579768	25.182	ug/L	100
53) m,p-Xylene	11.835	106	229539	25.303	ug/L	93
54) o-Xylene	12.164	106	217583	24.995	ug/L	87
55) Styrene	12.176	104	389817	26.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	113321	24.287	ug/L	95
59) Bromoform	12.347	173	56612	23.020	ug/L	99
60) Isopropylbenzene	12.463	105	615109	25.874	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	79968	23.063	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	335691	25.381	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	509588	25.660	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	265880	25.050	ug/L	91
65) 1,4-Dichlorobenzene	13.572	146	263711	24.054	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	234896	24.184	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.487	75	17095	22.559	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	172838	24.531	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	139116	24.546	ug/L	98
71) Naphthalene	15.358	128	301338	24.463	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	116978	23.288	ug/L	99

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

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