

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024551.D
 Acq On : 02 Sep 2022 22:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Quant Time: Sep 03 00:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	317062	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330704	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	169267	26.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.000%	
7) Chloroethane-d5	2.873	69	124145	26.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.400%	
11) 1,1-Dichloroethene-d2	4.007	63	158081	21.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 84.880%	
21) 2-Butanone-d5	7.080	46	49217	49.320	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.640%	
24) Chloroform-d	7.647	84	197837	23.433	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.720%	
26) 1,2-Dichloroethane-d4	8.305	65	113749	24.948	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.800%	
32) Benzene-d6	8.269	84	396159	22.964	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 91.840%	
36) 1,2-Dichloropropane-d6	9.268	67	112749	22.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 89.360%	
41) Toluene-d8	10.317	98	392879	23.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.640%	
43) trans-1,3-Dichloroprop...	10.579	79	47590	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 86.440%	
47) 2-Hexanone-d5	10.920	63	42581	49.248	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.500%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111797	24.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	138306	23.868	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.480%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	25461	28.143	ug/L	97
3) Chloromethane	2.215	50	114848	26.014	ug/L	100
5) Vinyl chloride	2.349	62	189646	24.201	ug/L	99
6) Bromomethane	2.763	94	122447	23.037	ug/L	98
8) Chloroethane	2.910	64	101921	24.594	ug/L	100
9) Trichlorofluoromethane	3.245	101	82074	27.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	90466	20.406	ug/L	100
12) 1,1-Dichloroethene	4.031	96	77788	19.865	ug/L	91
13) Acetone	4.117	43	35382	45.559	ug/L	98
14) Carbon disulfide	4.373	76	216231	20.088	ug/L	99
15) Methyl Acetate	4.665	43	46291	24.510	ug/L	96
16) Methylene chloride	4.909	84	97968	21.827	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	95703	22.038	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	181966	24.173	ug/L	99
19) 1,1-Dichloroethane	6.214	63	180612	22.966	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	111783	23.701	ug/L	90
22) 2-Butanone	7.171	43	59059	46.511	ug/L	97
23) Bromochloromethane	7.513	128	52159	23.782	ug/L	88
25) Chloroform	7.671	83	206200	23.881	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143302	25.267	ug/L	99
29) Cyclohexane	7.952	56	142006	20.681	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	156689	20.947	ug/L	99
31) Carbon tetrachloride	8.061	117	137179	20.225	ug/L	99
33) Benzene	8.317	78	452257	22.998	ug/L	100
34) Trichloroethene	9.085	95	111021	21.269	ug/L	96
35) Methylcyclohexane	9.329	83	177773	21.521	ug/L	98
37) 1,2-Dichloropropane	9.366	63	112718	23.786	ug/L	100
38) Bromodichloromethane	9.646	83	158326	23.636	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	159074	22.297	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	148673	50.448	ug/L	99
42) Toluene	10.384	91	514777	24.039	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	148174	23.153	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	96612	24.419	ug/L	97
46) Tetrachloroethene	10.860	164	78966	20.701	ug/L	98
48) 2-Hexanone	10.963	43	104893	53.497	ug/L	99
49) Dibromochloromethane	11.122	129	115643	24.875	ug/L	98
50) 1,2-Dibromoethane	11.231	107	91696	24.472	ug/L	98
51) Chlorobenzene	11.652	112	339890	23.389	ug/L	95
52) Ethylbenzene	11.731	91	574464	23.965	ug/L	97
53) m,p-Xylene	11.835	106	229449	24.476	ug/L	94
54) o-Xylene	12.164	106	226213	25.208	ug/L	98
55) Styrene	12.176	104	399454	25.625	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	123955	25.316	ug/L	99
59) Bromoform	12.347	173	62680	24.373	ug/L	98
60) Isopropylbenzene	12.463	105	592699	23.669	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89425	25.008	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	502038	24.304	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	495642	24.516	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	265128	23.770	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	268800	23.523	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	253432	24.610	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19746	24.397	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	163490	22.799	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	122384	22.319	ug/L	98
71) Naphthalene	15.359	128	301336	25.994	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	121776	24.625	ug/L	95

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

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