

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024599.D
 Acq On : 12 Sep 2022 11:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Sep 13 02:35:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	261835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	283955	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	143669	26.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.320%	
7) Chloroethane-d5	2.873	69	115448	28.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.880%	
11) 1,1-Dichloroethene-d2	4.013	63	111621	19.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 78.280%	
21) 2-Butanone-d5	7.073	46	37298	42.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 85.540%	
24) Chloroform-d	7.646	84	151904	22.779	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 91.120%	
26) 1,2-Dichloroethane-d4	8.305	65	94962	25.256	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.040%	
32) Benzene-d6	8.274	84	301914	21.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 86.480%	
36) 1,2-Dichloropropane-d6	9.274	67	87236	21.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 84.720%	
41) Toluene-d8	10.317	98	302290	22.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 88.800%	
43) trans-1,3-Dichloroprop...	10.579	79	43068	23.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.360%	
47) 2-Hexanone-d5	10.926	63	36516	48.240	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.480%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104860	26.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	126850	24.504	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	30799	24.561	ug/L	99
3) Chloromethane	2.215	50	112106	28.745	ug/L	99
5) Vinyl chloride	2.349	62	193519	29.433	ug/L	98
6) Bromomethane	2.763	94	126401	29.490	ug/L	98
8) Chloroethane	2.910	64	111492	31.169	ug/L	97
9) Trichlorofluoromethane	3.239	101	105458	27.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	71478	20.409	ug/L #	60
12) 1,1-Dichloroethene	4.031	96	60452	20.194	ug/L	91
13) Acetone	4.123	43	28060	37.817	ug/L	97
14) Carbon disulfide	4.373	76	151448	19.121	ug/L	100
15) Methyl Acetate	4.665	43	34527	22.016	ug/L	97
16) Methylene chloride	4.909	84	75643	19.361	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	74810	21.817	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	140008	22.927	ug/L	97
19) 1,1-Dichloroethane	6.208	63	142871	22.901	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	89300m	23.211	ug/L	
22) 2-Butanone	7.171	43	53223	44.345	ug/L	94
23) Bromochloromethane	7.506	128	39156	22.229	ug/L	86
25) Chloroform	7.671	83	166902	24.083	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	133755	28.714	ug/L	96
29) Cyclohexane	7.951	56	120109	21.849	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	133979	21.515	ug/L	96
31) Carbon tetrachloride	8.067	117	124493	21.888	ug/L	99
33) Benzene	8.317	78	401868	24.935	ug/L	100
34) Trichloroethene	9.091	95	97001	23.045	ug/L	97
35) Methylcyclohexane	9.329	83	156171	23.190	ug/L	99
37) 1,2-Dichloropropane	9.366	63	100407	24.945	ug/L	100
38) Bromodichloromethane	9.640	83	142152	24.988	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	150330	25.544	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	135453	51.015	ug/L	100
42) Toluene	10.384	91	489995	27.578	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	151510	27.255	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	90144	26.797	ug/L	98
46) Tetrachloroethene	10.859	164	76261	24.589	ug/L	98
48) 2-Hexanone	10.969	43	102015	56.026	ug/L	98
49) Dibromochloromethane	11.128	129	107780	27.407	ug/L	95
50) 1,2-Dibromoethane	11.231	107	83602	25.606	ug/L #	94
51) Chlorobenzene	11.658	112	328384	26.753	ug/L	93
52) Ethylbenzene	11.725	91	587819	29.139	ug/L	94
53) m,p-Xylene	11.835	106	221416	28.093	ug/L	88
54) o-Xylene	12.164	106	219952	29.312	ug/L	96
55) Styrene	12.182	104	411333	31.142	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	124568	29.249	ug/L	99
59) Bromoform	12.347	173	62018	26.106	ug/L	95
60) Isopropylbenzene	12.463	105	615349	27.807	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84851	25.094	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	511588	27.840	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	510814	27.930	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	268031	26.881	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	276114	26.272	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	249502	26.833	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	18559	23.197	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	165643	25.577	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	125091	24.342	ug/L	95
71) Naphthalene	15.358	128	293369	25.803	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	113054	23.647	ug/L	97

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

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