

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023794.D
 Acq On : 16 Jul 2022 11:41
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Jul 18 01:59:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 16 01:30:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	199950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	213193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	130795	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	138875	27.194	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	108.760%	
7) Chloroethane-d5	2.879	69	96292	28.264	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	113.040%	
11) 1,1-Dichloroethene-d2	4.013	63	89459	21.512	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	86.040%	
21) 2-Butanone-d5	7.080	46	35665	45.024	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	90.040%	
24) Chloroform-d	7.647	84	142498	24.478	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	97.920%	
26) 1,2-Dichloroethane-d4	8.305	65	88854	24.956	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.840%	
32) Benzene-d6	8.275	84	280311	25.293	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	101.160%	
36) 1,2-Dichloropropane-d6	9.275	67	81222	24.331	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	97.320%	
41) Toluene-d8	10.323	98	286971	25.529	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	102.120%	
43) trans-1,3-Dichloroprop...	10.579	79	39788	25.428	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	101.720%	
47) 2-Hexanone-d5	10.921	63	33002	47.014	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	94.020%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	97087	26.317	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	105.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	113695	24.350	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	28164	20.727	ug/L	96
3) Chloromethane	2.215	50	77587	23.317	ug/L	99
5) Vinyl chloride	2.355	62	149107	26.096	ug/L	98
6) Bromomethane	2.770	94	93369	25.263	ug/L	100
8) Chloroethane	2.916	64	69574	26.027	ug/L	99
9) Trichlorofluoromethane	3.245	101	78899	30.377	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	54581	21.473	ug/L	97
12) 1,1-Dichloroethene	4.032	96	45099	21.278	ug/L	95
13) Acetone	4.129	43	24601	43.927	ug/L	96
14) Carbon disulfide	4.385	76	126696	20.320	ug/L	99
15) Methyl Acetate	4.666	43	26830	21.405	ug/L #	78
16) Methylene chloride	4.909	84	64516	20.634	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	56191	21.850	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	91589	23.021	ug/L #	89
19) 1,1-Dichloroethane	6.208	63	111769	23.562	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	63918	22.435	ug/L	100
22) 2-Butanone	7.171	43	40616	44.130	ug/L	99
23) Bromochloromethane	7.513	128	32289	23.592	ug/L	93
25) Chloroform	7.671	83	128504	23.514	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97812	24.319	ug/L	96
29) Cyclohexane	7.952	56	90862	23.303	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	109038	23.621	ug/L	98
31) Carbon tetrachloride	8.067	117	98031	23.559	ug/L	100
33) Benzene	8.323	78	290533	23.981	ug/L	100
34) Trichloroethene	9.092	95	71992	22.503	ug/L	94
35) Methylcyclohexane	9.336	83	113914	23.383	ug/L	98
37) 1,2-Dichloropropane	9.366	63	74324	24.470	ug/L	99
38) Bromodichloromethane	9.640	83	106921	25.223	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	112033	24.472	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	105215	49.780	ug/L	99
42) Toluene	10.384	91	349992	25.331	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	112689	25.898	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	63302	23.835	ug/L	98
46) Tetrachloroethene	10.860	164	59663	24.119	ug/L	89
48) 2-Hexanone	10.969	43	79001	51.338	ug/L	97
49) Dibromochloromethane	11.128	129	76616	24.876	ug/L	94
50) 1,2-Dibromoethane	11.232	107	60255	23.615	ug/L #	97
51) Chlorobenzene	11.652	112	231002	24.790	ug/L	96
52) Ethylbenzene	11.731	91	406985	25.921	ug/L	96
53) m,p-Xylene	11.835	106	160391	26.183	ug/L	95
54) o-Xylene	12.164	106	157475	26.768	ug/L	100
55) Styrene	12.176	104	290489	27.950	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	90680	25.032	ug/L	93
59) Bromoform	12.347	173	44601	23.126	ug/L #	99
60) Isopropylbenzene	12.463	105	438487	24.957	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	64378	22.447	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	365033	25.377	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	378989	26.353	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	193138	24.211	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	199336	23.488	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	185174	24.613	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	14460	21.860	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	122470	23.195	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	97771	23.980	ug/L	99
71) Naphthalene	15.365	128	216651	24.772	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	93829	24.690	ug/L	95

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

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