

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022900.D
 Acq On : 06 May 2022 19:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: May 07 00:08:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 00:02:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	302156	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	307430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	176060	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	123975	19.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.885	69	98887	24.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.080%
11) 1,1-Dichloroethene-d2	4.019	63	160910	20.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.360%
21) 2-Butanone-d5	7.079	46	60184	51.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.120%
24) Chloroform-d	7.653	84	216813	24.492	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.305	65	118911	24.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.960%
32) Benzene-d6	8.274	84	398857	22.509	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	9.274	67	119003	23.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	389368	22.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	10.579	79	49908	21.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.120%
47) 2-Hexanone-d5	10.920	63	50266	52.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123351	26.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	147178	23.914	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	42780	25.972	ug/L	93
3) Chloromethane	2.215	50	77771	24.434	ug/L	97
5) Vinyl chloride	2.361	62	152469	23.869	ug/L	97
6) Bromomethane	2.775	94	97670	23.814	ug/L	92
8) Chloroethane	2.922	64	84452	27.411	ug/L	97
9) Trichlorofluoromethane	3.257	101	59308	20.314	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	99451	22.781	ug/L #	75
12) 1,1-Dichloroethene	4.043	96	86624	22.384	ug/L	94
13) Acetone	4.117	43	37692	42.713	ug/L	96
14) Carbon disulfide	4.385	76	206242	19.439	ug/L	99
15) Methyl Acetate	4.671	43	46226	26.075	ug/L	94
16) Methylene chloride	4.921	84	109263	24.713	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	100995	23.191	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	177465	26.694	ug/L	99
19) 1,1-Dichloroethane	6.220	63	190975	25.874	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	119656	25.580	ug/L	98
22) 2-Butanone	7.171	43	59043	47.843	ug/L	98
23) Bromochloromethane	7.512	128	53276	24.320	ug/L	89
25) Chloroform	7.677	83	221328	27.118	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	145904	26.818	ug/L	98
29) Cyclohexane	7.951	56	147316	22.157	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	175452	24.150	ug/L	99
31) Carbon tetrachloride	8.067	117	156719	23.060	ug/L	99
33) Benzene	8.323	78	451230	24.915	ug/L	100
34) Trichloroethene	9.091	95	117868	23.665	ug/L	97
35) Methylcyclohexane	9.335	83	180447	22.053	ug/L	99
37) 1,2-Dichloropropane	9.366	63	112623	25.697	ug/L	100
38) Bromodichloromethane	9.646	83	160493	25.781	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	172270	25.350	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	143713	52.024	ug/L	100
42) Toluene	10.384	91	516081	25.427	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	152884	25.205	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	96766	26.411	ug/L	96
46) Tetrachloroethene	10.859	164	83996	22.441	ug/L	90
48) 2-Hexanone	10.969	43	99823	54.083	ug/L	99
49) Dibromochloromethane	11.128	129	115758	26.251	ug/L	97
50) 1,2-Dibromoethane	11.231	107	94208	25.607	ug/L #	97
51) Chlorobenzene	11.652	112	339782	25.393	ug/L	97
52) Ethylbenzene	11.725	91	580553	25.710	ug/L	99
53) m,p-Xylene	11.835	106	228985	25.737	ug/L	92
54) o-Xylene	12.164	106	225392	26.399	ug/L	99
55) Styrene	12.176	104	394120	27.166	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	125621	27.451	ug/L	95
59) Bromoform	12.353	173	61214	24.534	ug/L	99
60) Isopropylbenzene	12.463	105	609334	25.263	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89906	25.557	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	338732	25.243	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	515073	25.564	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	271056	25.171	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	282007	25.354	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	257928	26.175	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18745	24.381	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	176755	24.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	143891	25.024	ug/L	98
71) Naphthalene	15.358	128	340544	27.249	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	131984	25.898	ug/L	99

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

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