

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031422\
 Data File : VW022310.D
 Acq On : 14 Mar 2022 08:51
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025583

Quant Time: Mar 15 00:59:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 21:01:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	139500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	137790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76343	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40958	22.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
7) Chloroethane-d5	2.885	69	30459	21.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
11) 1,1-Dichloroethene-d2	4.019	63	64619	23.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.760%
21) 2-Butanone-d5	7.086	46	14841	48.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.020%
24) Chloroform-d	7.653	84	83418	26.801	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	8.305	65	41143	25.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.720%
32) Benzene-d6	8.274	84	153759	23.977	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	9.274	67	43524	24.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.323	98	151208	23.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.880%
43) trans-1,3-Dichloroprop...	10.573	79	18424	23.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	10.920	63	12879	43.970	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39154	25.052	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	60212	24.556	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	6422	16.472	ug/L	89
3) Chloromethane	2.214	50	32100	24.028	ug/L	97
5) Vinyl chloride	2.361	62	48105	23.965	ug/L	98
6) Bromomethane	2.775	94	33263	23.727	ug/L	92
8) Chloroethane	2.916	64	26693	23.672	ug/L	91
9) Trichlorofluoromethane	3.263	101	36162	26.535	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	44738	26.907	ug/L #	69
12) 1,1-Dichloroethene	4.037	96	37213	25.824	ug/L	96
13) Acetone	4.135	43	15064	60.289	ug/L	98
14) Carbon disulfide	4.385	76	69736	18.666	ug/L	99
15) Methyl Acetate	4.671	43	14474	25.731	ug/L #	79
16) Methylene chloride	4.915	84	43109	25.176	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	39853	25.179	ug/L	92
18) Methyl tert-butyl Ether	5.421	73	60355	28.028	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	74964	29.255	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	48340	28.194	ug/L	95
22) 2-Butanone	7.177	43	21131	58.873	ug/L	97
23) Bromochloromethane	7.512	128	22952	27.403	ug/L	92
25) Chloroform	7.671	83	89139	29.814	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	50645	27.502	ug/L	100
29) Cyclohexane	7.957	56	52700	22.982	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	76275	27.514	ug/L	98
31) Carbon tetrachloride	8.067	117	72500	27.518	ug/L	99
33) Benzene	8.323	78	173797	26.088	ug/L	100
34) Trichloroethene	9.091	95	48831	25.600	ug/L	97
35) Methylcyclohexane	9.335	83	70348	23.844	ug/L	100
37) 1,2-Dichloropropane	9.366	63	42051	27.057	ug/L	99
38) Bromodichloromethane	9.646	83	63073	28.300	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	66318	28.072	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	44438	52.947	ug/L	99
42) Toluene	10.384	91	203855	27.037	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	58939	27.763	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	36744	26.662	ug/L	98
46) Tetrachloroethene	10.859	164	42379	25.363	ug/L	91
48) 2-Hexanone	10.969	43	32249	55.361	ug/L	96
49) Dibromochloromethane	11.128	129	48217	28.803	ug/L	100
50) 1,2-Dibromoethane	11.231	107	33975	25.559	ug/L #	99
51) Chlorobenzene	11.652	112	140253	26.728	ug/L	99
52) Ethylbenzene	11.725	91	231829	27.782	ug/L	100
53) m,p-Xylene	11.841	106	94018	27.382	ug/L	98
54) o-Xylene	12.164	106	89665	27.754	ug/L	93
55) Styrene	12.176	104	157865	29.147	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	43137	26.977	ug/L	99
59) Bromoform	12.347	173	25031	24.794	ug/L	95
60) Isopropylbenzene	12.463	105	254735	27.796	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	30291	25.139	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	171659	28.169	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	212478	28.530	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	119437	26.272	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	122606	26.912	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	108857	26.932	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6198	24.333	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	84723	25.965	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	64189	25.999	ug/L	98
71) Naphthalene	15.358	128	108724	24.946	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	54187	25.375	ug/L	97

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

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