

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023346.D
 Acq On : 26 May 2022 02:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: May 26 05:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 04:46:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	401774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	226968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	133171	16.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.640%
7) Chloroethane-d5	2.879	69	90744	16.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.680%
11) 1,1-Dichloroethene-d2	4.019	63	201448	18.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.640%
21) 2-Butanone-d5	7.074	46	75896	48.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.860%
24) Chloroform-d	7.647	84	277388	23.565	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	8.305	65	145961	22.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.440%
32) Benzene-d6	8.275	84	507792	22.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	9.274	67	150434	23.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.040%
41) Toluene-d8	10.323	98	494843	22.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.579	79	66289	22.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.040%
47) 2-Hexanone-d5	10.920	63	65966	53.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	151544	25.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.560%
66) 1,2-Dichlorobenzene-d4	13.847	152	206103	25.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	44154	20.160	ug/L	92
3) Chloromethane	2.215	50	119437	28.220	ug/L	98
5) Vinyl chloride	2.361	62	177377	20.883	ug/L	97
6) Bromomethane	2.769	94	88777	16.279	ug/L	95
8) Chloroethane	2.916	64	84229	20.560	ug/L	99
9) Trichlorofluoromethane	3.257	101	74923	19.299	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	139310	23.999	ug/L	93
12) 1,1-Dichloroethene	4.037	96	123220	23.945	ug/L	87
13) Acetone	4.123	43	43890	37.405	ug/L	97
14) Carbon disulfide	4.385	76	301647	21.382	ug/L	98
15) Methyl Acetate	4.672	43	58580	24.850	ug/L	100
16) Methylene chloride	4.915	84	148484	25.257	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	144052	24.876	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	250006	28.281	ug/L	99
19) 1,1-Dichloroethane	6.214	63	245620	25.026	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	165892	26.671	ug/L #	94
22) 2-Butanone	7.171	43	74432	45.358	ug/L	96
23) Bromochloromethane	7.512	128	80296	27.566	ug/L	88
25) Chloroform	7.677	83	280236	25.823	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	181874	25.141	ug/L	96
29) Cyclohexane	7.951	56	204185	23.633	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	240251	25.448	ug/L	98
31) Carbon tetrachloride	8.067	117	217782	24.660	ug/L	100
33) Benzene	8.323	78	586975	24.941	ug/L	100
34) Trichloroethene	9.091	95	159715	24.677	ug/L	96
35) Methylcyclohexane	9.335	83	255388	24.019	ug/L	99
37) 1,2-Dichloropropane	9.366	63	140093	24.598	ug/L	99
38) Bromodichloromethane	9.640	83	202963	25.090	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	226551	25.654	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	179186	49.917	ug/L	98
42) Toluene	10.384	91	677274	25.679	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	199758	25.343	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	124410	26.131	ug/L	97
46) Tetrachloroethene	10.859	164	130963	26.925	ug/L	88
48) 2-Hexanone	10.969	43	121144	50.509	ug/L	97
49) Dibromochloromethane	11.128	129	153208	26.737	ug/L	96
50) 1,2-Dibromoethane	11.237	107	125658	26.285	ug/L	97
51) Chlorobenzene	11.658	112	457170	26.292	ug/L	98
52) Ethylbenzene	11.731	91	769598	26.228	ug/L	98
53) m,p-Xylene	11.835	106	301168	26.049	ug/L	96
54) o-Xylene	12.164	106	296980	26.768	ug/L	94
55) Styrene	12.176	104	511735	27.144	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	153080	25.742	ug/L	100
59) Bromoform	12.347	173	85796	26.673	ug/L #	99
60) Isopropylbenzene	12.457	105	786337	25.289	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	107201	23.638	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	446439	25.808	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	681173	26.225	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	373371	26.895	ug/L	89
65) 1,4-Dichlorobenzene	13.572	146	371131	25.882	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	348299	27.418	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23891	24.105	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	264139	28.664	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	222332	29.994	ug/L	97
71) Naphthalene	15.359	128	469171	29.121	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	196841	29.961	ug/L	100

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

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