

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022918.D
 Acq On : 09 May 2022 09:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: May 09 22:52:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	312476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	130960	19.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.680%
7) Chloroethane-d5	2.885	69	102961	24.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.280%
11) 1,1-Dichloroethene-d2	4.025	63	198099	23.316	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.280%
21) 2-Butanone-d5	7.074	46	60659	48.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.040%
24) Chloroform-d	7.647	84	244031	25.989	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.960%
26) 1,2-Dichloroethane-d4	8.305	65	128264	24.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.640%
32) Benzene-d6	8.275	84	451112	25.047	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	9.274	67	133126	26.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	10.323	98	431137	24.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	10.579	79	57539	24.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.800%
47) 2-Hexanone-d5	10.921	63	49358	51.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126246	26.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	163566	25.575	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	27779	15.900	ug/L	91
3) Chloromethane	2.221	50	81562	24.158	ug/L	99
5) Vinyl chloride	2.361	62	154912	22.863	ug/L	99
6) Bromomethane	2.782	94	94144	21.640	ug/L	94
8) Chloroethane	2.922	64	81757	25.017	ug/L	99
9) Trichlorofluoromethane	3.257	101	85414	27.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	114452	24.716	ug/L	93
12) 1,1-Dichloroethene	4.044	96	102083	24.869	ug/L	88
13) Acetone	4.117	43	36307	38.789	ug/L	97
14) Carbon disulfide	4.385	76	238001	21.148	ug/L	97
15) Methyl Acetate	4.672	43	41595	22.120	ug/L	98
16) Methylene chloride	4.922	84	113311	24.162	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	112544	24.363	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	182843	25.929	ug/L	100
19) 1,1-Dichloroethane	6.220	63	201846	25.781	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	127572	25.712	ug/L #	95
22) 2-Butanone	7.171	43	55880	42.688	ug/L	97
23) Bromochloromethane	7.519	128	57837	24.891	ug/L	85
25) Chloroform	7.677	83	230584	26.635	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	144940	25.116	ug/L	98
29) Cyclohexane	7.958	56	166806	24.683	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	200360	27.133	ug/L	100
31) Carbon tetrachloride	8.067	117	183987	26.636	ug/L	99
33) Benzene	8.323	78	472214	25.652	ug/L	100
34) Trichloroethene	9.092	95	129680	25.616	ug/L	97
35) Methylcyclohexane	9.335	83	208191	25.033	ug/L	99
37) 1,2-Dichloropropane	9.372	63	116030	26.047	ug/L	99
38) Bromodichloromethane	9.646	83	166089	26.250	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	186578	27.012	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	130480	46.471	ug/L	99
42) Toluene	10.384	91	539760	26.164	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	165574	26.856	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	97551	26.195	ug/L	97
46) Tetrachloroethene	10.860	164	98688	25.940	ug/L	93
48) 2-Hexanone	10.963	43	89495	47.704	ug/L	95
49) Dibromochloromethane	11.128	129	115324	25.730	ug/L	92
50) 1,2-Dibromoethane	11.231	107	92597	24.763	ug/L	99
51) Chlorobenzene	11.658	112	364085	26.770	ug/L	98
52) Ethylbenzene	11.731	91	619309	26.984	ug/L	98
53) m,p-Xylene	11.841	106	245079	27.101	ug/L	98
54) o-Xylene	12.164	106	239197	27.563	ug/L	98
55) Styrene	12.176	104	409619	27.778	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	116624	25.073	ug/L	96
59) Bromoform	12.347	173	63816	24.613	ug/L	99
60) Isopropylbenzene	12.463	105	658151	26.259	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	82381	22.536	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	361656	25.936	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	554250	26.472	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	291110	26.015	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	298290	25.807	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	263852	25.767	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17562	21.982	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	196491	26.453	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	154413	25.842	ug/L	98
71) Naphthalene	15.359	128	320006	24.641	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135071	25.505	ug/L	98

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

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