

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052322\
 Data File : VW023258.D
 Acq On : 23 May 2022 19:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: May 24 01:32:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 24 01:27:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	297302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310762	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	147237	24.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
7) Chloroethane-d5	2.873	69	100597	25.350	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	4.013	63	176623	22.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.640%
21) 2-Butanone-d5	7.074	46	68056	58.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
24) Chloroform-d	7.647	84	232774	26.724	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.305	65	131136	27.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	8.269	84	434579	24.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	9.268	67	129639	25.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	10.323	98	430116	24.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	10.573	79	61356	26.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.920%
47) 2-Hexanone-d5	10.921	63	57509	59.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.740%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135787	28.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	166069	26.503	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	60653	37.424	ug/L	95
3) Chloromethane	2.209	50	117302	37.455	ug/L	100
5) Vinyl chloride	2.355	62	172113	27.384	ug/L	98
6) Bromomethane	2.770	94	101321	25.108	ug/L	97
8) Chloroethane	2.910	64	85759	28.289	ug/L	98
9) Trichlorofluoromethane	3.245	101	59080	20.566	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	108672	25.299	ug/L	97
12) 1,1-Dichloroethene	4.038	96	91464	24.020	ug/L	93
13) Acetone	4.117	43	39188	45.133	ug/L	98
14) Carbon disulfide	4.379	76	256205	24.542	ug/L	99
15) Methyl Acetate	4.672	43	51114	29.302	ug/L	97
16) Methylene chloride	4.916	84	112704	25.907	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	106293	24.806	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	188360	28.795	ug/L	99
19) 1,1-Dichloroethane	6.208	63	194182	26.738	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	124422	27.033	ug/L #	92
22) 2-Butanone	7.171	43	64192	52.864	ug/L	99
23) Bromochloromethane	7.507	128	58200	27.001	ug/L	95
25) Chloroform	7.671	83	218923	27.262	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	153278	28.634	ug/L	100
29) Cyclohexane	7.952	56	171169	25.468	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	189185	25.761	ug/L	99
31) Carbon tetrachloride	8.067	117	172193	25.066	ug/L	99
33) Benzene	8.317	78	480410	26.242	ug/L	100
34) Trichloroethene	9.086	95	128715	25.566	ug/L	97
35) Methylcyclohexane	9.329	83	213300	25.789	ug/L	98
37) 1,2-Dichloropropane	9.366	63	116261	26.242	ug/L	100
38) Bromodichloromethane	9.640	83	162627	25.844	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	187141	27.243	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	157755	56.495	ug/L	99
42) Toluene	10.384	91	546602	26.642	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	172346	28.109	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	102643	27.715	ug/L	99
46) Tetrachloroethene	10.860	164	101676	26.873	ug/L	91
48) 2-Hexanone	10.969	43	110931	59.457	ug/L	97
49) Dibromochloromethane	11.128	129	122977	27.589	ug/L	100
50) 1,2-Dibromoethane	11.232	107	100834	27.114	ug/L	95
51) Chlorobenzene	11.658	112	360478	26.651	ug/L	96
52) Ethylbenzene	11.725	91	617743	27.064	ug/L	98
53) m,p-Xylene	11.841	106	246119	27.366	ug/L	93
54) o-Xylene	12.164	106	239044	27.698	ug/L	94
55) Styrene	12.176	104	408980	27.888	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	131341	28.393	ug/L	94
59) Bromoform	12.347	173	66922	26.344	ug/L	98
60) Isopropylbenzene	12.463	105	646342	26.321	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	96119	26.837	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	344950	25.249	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	549398	26.782	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	289134	26.372	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	291738	25.762	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	267137	26.627	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21049	26.891	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	194256	26.692	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	158792	27.124	ug/L	99
71) Naphthalene	15.365	128	372598	29.283	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	141770	27.324	ug/L	95

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

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