

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081122\
 Data File : VW024224.D
 Acq On : 11 Aug 2022 09:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

Quant Time: Aug 12 03:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 10 01:09:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	326802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191098	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	131425	19.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.960%
7) Chloroethane-d5	2.873	69	87820	20.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	4.013	63	165231	21.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.880%
21) 2-Butanone-d5	7.074	46	57531	45.269	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.540%
24) Chloroform-d	7.641	84	219574	22.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.840%
26) 1,2-Dichloroethane-d4	8.305	65	117166	21.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.360%
32) Benzene-d6	8.268	84	397558	20.677	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.720%
36) 1,2-Dichloropropane-d6	9.274	67	115472	20.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.360%
41) Toluene-d8	10.323	98	369311	20.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	10.579	79	52762	21.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.880%
47) 2-Hexanone-d5	10.920	63	49502	47.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123285	22.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	154429	22.083	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	65464	22.769	ug/L	97
3) Chloromethane	2.215	50	126672	23.492	ug/L	98
5) Vinyl chloride	2.355	62	192765	25.681	ug/L	97
6) Bromomethane	2.769	94	105139	24.429	ug/L	92
8) Chloroethane	2.910	64	85471	25.995	ug/L	100
9) Trichlorofluoromethane	3.251	101	102000	28.666	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	132138	27.534	ug/L	96
12) 1,1-Dichloroethene	4.031	96	107029	27.242	ug/L	90
13) Acetone	4.123	43	46490	49.686	ug/L	65
14) Carbon disulfide	4.379	76	313615	24.945	ug/L	97
15) Methyl Acetate	4.672	43	49921	23.687	ug/L	99
16) Methylene chloride	4.909	84	128277	22.259	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	119014	26.231	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	172225	26.620	ug/L	99
19) 1,1-Dichloroethane	6.208	63	212035	26.530	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	132907	26.673	ug/L #	94
22) 2-Butanone	7.165	43	76999	48.836	ug/L	100
23) Bromochloromethane	7.512	128	66095	26.635	ug/L	93
25) Chloroform	7.671	83	243519	27.651	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	157257	26.536	ug/L	99
29) Cyclohexane	7.951	56	174378	26.090	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	201659	27.429	ug/L	98
31) Carbon tetrachloride	8.061	117	192425	27.743	ug/L	99
33) Benzene	8.317	78	505113	26.233	ug/L	100
34) Trichloroethene	9.085	95	130922	25.724	ug/L	96
35) Methylcyclohexane	9.329	83	214682	26.899	ug/L	98
37) 1,2-Dichloropropane	9.366	63	124020	26.056	ug/L	98
38) Bromodichloromethane	9.640	83	174812	26.186	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	190073	27.143	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	163921	51.891	ug/L	99
42) Toluene	10.384	91	549520	26.856	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	174861	27.328	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	102557	25.564	ug/L	97
46) Tetrachloroethene	10.859	164	108147	26.248	ug/L	96
48) 2-Hexanone	10.963	43	119065	55.539	ug/L	99
49) Dibromochloromethane	11.128	129	130303	26.979	ug/L	93
50) 1,2-Dibromoethane	11.231	107	99906	25.992	ug/L	94
51) Chlorobenzene	11.652	112	374542	26.791	ug/L	98
52) Ethylbenzene	11.731	91	609032	27.167	ug/L	100
53) m,p-Xylene	11.835	106	240794	27.594	ug/L	98
54) o-Xylene	12.164	106	228345	27.698	ug/L	95
55) Styrene	12.176	104	411926	28.730	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	128526	25.634	ug/L	97
59) Bromoform	12.347	173	75069	25.754	ug/L	98
60) Isopropylbenzene	12.463	105	620347	26.816	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	92564	24.339	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	547971	28.664	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	528211	28.055	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	305860	27.000	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	316223	26.362	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	287977	26.771	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20858	23.474	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	212885	28.659	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	164476	27.649	ug/L	96
71) Naphthalene	15.359	128	328429	28.345	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	144706	26.719	ug/L	99

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

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