

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070522\
 Data File : VW023561.D
 Acq On : 05 Jul 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 :
 VSTD025588

Quant Time: Jul 05 23:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 04 01:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	372775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	353481	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	155278	29.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.480%
7) Chloroethane-d5	2.879	69	75555	20.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.026	63	190075	28.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	115.240%#
21) 2-Butanone-d5	7.074	46	58375	43.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.420%
24) Chloroform-d	7.647	84	254775	25.037	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.160%
26) 1,2-Dichloroethane-d4	8.305	65	136311	24.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.040%
32) Benzene-d6	8.275	84	479244	25.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.320%
36) 1,2-Dichloropropane-d6	9.275	67	140175	24.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.323	98	475152	25.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.240%
43) trans-1,3-Dichloroprop...	10.573	79	61472	24.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.240%
47) 2-Hexanone-d5	10.921	63	49854	46.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	130710	24.093	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	176429	25.326	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	25874	17.962	ug/L	96
3) Chloromethane	2.215	50	108961	24.436	ug/L	97
5) Vinyl chloride	2.355	62	192138	31.995	ug/L	98
6) Bromomethane	2.770	94	70463	17.790	ug/L	95
8) Chloroethane	2.916	64	57354	21.248	ug/L	96
9) Trichlorofluoromethane	3.251	101	66005	23.726	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	126453	28.081	ug/L	98
12) 1,1-Dichloroethene	4.038	96	111060	29.647	ug/L	90
13) Acetone	4.123	43	43135	46.896	ug/L	100
14) Carbon disulfide	4.379	76	331352	32.793	ug/L	99
15) Methyl Acetate	4.672	43	47769	22.668	ug/L	98
16) Methylene chloride	4.909	84	112987	21.248	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	124531	26.341	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	176555	25.465	ug/L	99
19) 1,1-Dichloroethane	6.214	63	215981	25.903	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	132277	25.674	ug/L	99
22) 2-Butanone	7.177	43	64293	42.753	ug/L	98
23) Bromochloromethane	7.519	128	66311	26.004	ug/L	93
25) Chloroform	7.677	83	243886	26.203	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	160112	26.020	ug/L	100
29) Cyclohexane	7.958	56	189077	28.289	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	208160	27.151	ug/L	98
31) Carbon tetrachloride	8.067	117	192480	27.773	ug/L	100
33) Benzene	8.323	78	522444	26.271	ug/L	100
34) Trichloroethene	9.092	95	139574	26.196	ug/L	93
35) Methylcyclohexane	9.336	83	234621	27.985	ug/L	99
37) 1,2-Dichloropropane	9.366	63	124354	25.852	ug/L	100
38) Bromodichloromethane	9.646	83	179026	25.996	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	199586	26.795	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152459	48.360	ug/L	98
42) Toluene	10.384	91	590009	26.824	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	178924	25.990	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	103588	25.327	ug/L	96
46) Tetrachloroethene	10.860	164	111226	25.956	ug/L	98
48) 2-Hexanone	10.969	43	109285	50.470	ug/L	99
49) Dibromochloromethane	11.128	129	125151	25.042	ug/L	93
50) 1,2-Dibromoethane	11.232	107	99725	24.470	ug/L	97
51) Chlorobenzene	11.658	112	389619	25.886	ug/L	96
52) Ethylbenzene	11.725	91	667391	27.203	ug/L	100
53) m,p-Xylene	11.835	106	263095	27.275	ug/L	96
54) o-Xylene	12.164	106	248763	27.304	ug/L	99
55) Styrene	12.176	104	441624	27.735	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	129823	24.680	ug/L	99
59) Bromoform	12.347	173	69354	24.472	ug/L	96
60) Isopropylbenzene	12.463	105	684502	27.165	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90699	23.573	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	570206	27.237	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	572607	27.255	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	308200	25.449	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	312561	25.448	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	286274	26.084	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20035	22.769	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	201264	24.891	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166515	25.518	ug/L	95
71) Naphthalene	15.359	128	328758	24.283	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	140154	23.533	ug/L	95

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

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