

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011922\
 Data File : VW022004.D
 Acq On : 19 Jan 2022 14:34
 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: Jan 20 00:25:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 20 00:22:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	120508	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	124084	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45808	20.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.800%
7) Chloroethane-d5	2.885	69	33545	16.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.320%
11) 1,1-Dichloroethene-d2	4.019	63	77449	21.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	7.086	46	18069	57.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.300%
24) Chloroform-d	7.647	84	92737	23.821	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	8.305	65	47475	25.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	8.275	84	177179	22.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	9.275	67	49335	23.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	10.323	98	178384	21.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.920%
43) trans-1,3-Dichloroprop...	10.579	79	20797	23.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.320%
47) 2-Hexanone-d5	10.921	63	16308	56.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	42514	25.619	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	67431	22.394	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	10347	21.780	ug/L	98
3) Chloromethane	2.215	50	40504	23.515	ug/L	99
5) Vinyl chloride	2.361	62	56225	22.723	ug/L	96
6) Bromomethane	2.782	94	34944	19.972	ug/L	99
8) Chloroethane	2.928	64	28186	18.848	ug/L	96
9) Trichlorofluoromethane	3.263	101	56913	30.951	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	45576	22.771	ug/L	95
12) 1,1-Dichloroethene	4.038	96	41179	22.893	ug/L	81
13) Acetone	4.141	43	13326	51.020	ug/L	82
14) Carbon disulfide	4.385	76	105260	22.352	ug/L	99
15) Methyl Acetate	4.672	43	13510	25.592	ug/L	# 87
16) Methylene chloride	4.916	84	43062	20.880	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	45774	23.550	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	59675	24.076	ug/L	91
19) 1,1-Dichloroethane	6.220	63	73387	25.746	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	49508	24.760	ug/L	66
22) 2-Butanone	7.171	43	18238	54.628	ug/L	77
23) Bromochloromethane	7.519	128	23459	23.579	ug/L	# 60
25) Chloroform	7.677	83	84273	24.987	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	51127	26.178	ug/L	97
29) Cyclohexane	7.958	56	66681	24.021	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	75290	23.409	ug/L #	93
31) Carbon tetrachloride	8.067	117	73662	23.634	ug/L	99
33) Benzene	8.323	78	178105	23.408	ug/L	100
34) Trichloroethene	9.092	95	50714	22.974	ug/L	93
35) Methylcyclohexane	9.336	83	85486	23.550	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	40508	24.438	ug/L #	96
38) Bromodichloromethane	9.646	83	58571	25.313	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	66106	25.666	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	40618	52.165	ug/L #	86
42) Toluene	10.390	91	210228	24.635	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	56836	26.365	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	34526	24.533	ug/L	93
46) Tetrachloroethene	10.860	164	45638	20.908	ug/L	93
48) 2-Hexanone	10.969	43	29824	55.980	ug/L #	91
49) Dibromochloromethane	11.128	129	45032	25.395	ug/L	92
50) 1,2-Dibromoethane	11.232	107	34060	24.382	ug/L	91
51) Chlorobenzene	11.658	112	139947	23.227	ug/L	92
52) Ethylbenzene	11.731	91	231341	24.404	ug/L	96
53) m,p-Xylene	11.841	106	97816	24.676	ug/L	84
54) o-Xylene	12.164	106	91835	24.955	ug/L	82
55) Styrene	12.176	104	151484	24.933	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	38187	25.219	ug/L #	96
59) Bromoform	12.347	173	22895	22.932	ug/L	98
60) Isopropylbenzene	12.463	105	250707	25.141	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	27239	26.028	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.945	105	212134	25.689	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	210272	25.819	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	121649	24.263	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	118081	23.853	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	101970	23.229	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5302	26.235	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	86042	23.090	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	69103	23.273	ug/L	91
71) Naphthalene	15.365	128	111186	24.275	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56400	23.002	ug/L	96

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

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