

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011822\
 Data File : VW021993.D
 Acq On : 18 Jan 2022 12:28
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jan 19 00:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 19 00:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	127338	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	125365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71382	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	49572	20.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
7) Chloroethane-d5	2.885	69	37230	17.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.680%
11) 1,1-Dichloroethene-d2	4.019	63	85185	22.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.200%
21) 2-Butanone-d5	7.079	46	19472	58.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.580%
24) Chloroform-d	7.646	84	100872	24.521	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	8.305	65	49521	24.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.720%
32) Benzene-d6	8.274	84	196836	24.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	9.274	67	53673	25.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	10.323	98	195685	23.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	10.579	79	22388	24.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.926	63	17688	60.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44070	26.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	71826	24.471	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9871	19.663	ug/L	94
3) Chloromethane	2.214	50	41694	22.908	ug/L	100
5) Vinyl chloride	2.361	62	58136	22.235	ug/L	96
6) Bromomethane	2.775	94	38027	20.569	ug/L	97
8) Chloroethane	2.922	64	30656	19.400	ug/L	100
9) Trichlorofluoromethane	3.263	101	41747	21.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	48187	22.784	ug/L	92
12) 1,1-Dichloroethene	4.043	96	43919	23.107	ug/L	72
13) Acetone	4.135	43	14049	50.903	ug/L	85
14) Carbon disulfide	4.385	76	111553	22.417	ug/L	98
15) Methyl Acetate	4.671	43	14306	25.646	ug/L	# 84
16) Methylene chloride	4.915	84	46428	21.304	ug/L	75
17) trans-1,2-Dichloroethene	5.421	96	49110	23.911	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	65470	24.997	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	79401	26.362	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	53801	25.464	ug/L	70
22) 2-Butanone	7.171	43	20279	57.483	ug/L	82
23) Bromochloromethane	7.512	128	25251	24.019	ug/L	# 61
25) Chloroform	7.677	83	90928	25.514	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	53705	26.023	ug/L #	92
29) Cyclohexane	7.951	56	70288	25.062	ug/L #	78
30) 1,1,1-Trichloroethane	7.872	97	79371	24.426	ug/L #	93
31) Carbon tetrachloride	8.067	117	75714	24.044	ug/L	96
33) Benzene	8.323	78	192500	25.042	ug/L	100
34) Trichloroethene	9.091	95	54561	24.464	ug/L	84
35) Methylcyclohexane	9.335	83	88075	24.015	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	43036	25.698	ug/L #	95
38) Bromodichloromethane	9.646	83	61226	26.190	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	70082	26.932	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	43395	55.162	ug/L #	85
42) Toluene	10.384	91	224886	26.084	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	58971	27.076	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	36438	25.627	ug/L	95
46) Tetrachloroethene	10.865	164	49653	22.514	ug/L	96
48) 2-Hexanone	10.969	43	31119	57.814	ug/L #	89
49) Dibromochloromethane	11.127	129	45897	25.618	ug/L	96
50) 1,2-Dibromoethane	11.237	107	36556	25.901	ug/L	100
51) Chlorobenzene	11.658	112	149650	24.583	ug/L	90
52) Ethylbenzene	11.731	91	248657	25.962	ug/L	96
53) m,p-Xylene	11.835	106	104497	26.092	ug/L	83
54) o-Xylene	12.164	106	95701	25.739	ug/L	96
55) Styrene	12.182	104	163430	26.625	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.712	83	39920	26.095	ug/L #	99
59) Bromoform	12.347	173	24880	25.565	ug/L	98
60) Isopropylbenzene	12.463	105	264032	27.162	ug/L	94
61) 1,2,3-Trichloropropane	12.767	75	28445	27.884	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	223156	27.723	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	220417	27.765	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	122237	25.012	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	124045	25.706	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	109145	25.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.480	75	5469	27.762	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	87087	23.975	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	66392	22.939	ug/L	98
71) Naphthalene	15.364	128	115802	25.937	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	56554	23.661	ug/L	94

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

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