

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019791.D
 Acq On : 18 Aug 2021 22:28
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Aug 19 05:19:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	325910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	310220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	161688	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	132851	26.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.240%
7) Chloroethane-d5	2.898	69	124878	28.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.680%
11) 1,1-Dichloroethene-d2	4.032	63	195758	22.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.360%
21) 2-Butanone-d5	7.092	46	42302	41.242	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.480%
24) Chloroform-d	7.653	84	221979	24.766	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.080%
26) 1,2-Dichloroethane-d4	8.311	65	118061	24.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.760%
32) Benzene-d6	8.281	84	436492	24.677	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.720%
36) 1,2-Dichloropropane-d6	9.275	67	128255	23.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	395052	24.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.579	79	52164	23.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.280%
47) 2-Hexanone-d5	10.927	63	30407	40.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	101567	23.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	129885	23.418	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	74700	23.388	ug/L	98
3) Chloromethane	2.221	50	105199	26.467	ug/L	99
5) Vinyl chloride	2.373	62	146712	24.889	ug/L	96
6) Bromomethane	2.788	94	111897	25.581	ug/L	99
8) Chloroethane	2.934	64	103797	26.861	ug/L	94
9) Trichlorofluoromethane	3.270	101	75603	19.940	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	100694	22.375	ug/L #	71
12) 1,1-Dichloroethene	4.050	96	99744	22.601	ug/L	95
13) Acetone	4.154	43	31163	35.591	ug/L	90
14) Carbon disulfide	4.391	76	336707	23.853	ug/L	98
15) Methyl Acetate	4.678	43	40343	22.135	ug/L	99
16) Methylene chloride	4.928	84	119678	21.396	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	110903	23.921	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	124263	23.285	ug/L	97
19) 1,1-Dichloroethane	6.220	63	202847	24.683	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	115084	24.524	ug/L	99
22) 2-Butanone	7.183	43	49158	43.325	ug/L	98
23) Bromochloromethane	7.519	128	53805	25.620	ug/L	96
25) Chloroform	7.677	83	210845	24.799	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136551	24.620	ug/L	98
29) Cyclohexane	7.964	56	163032	22.379	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	161585	23.306	ug/L	100
31) Carbon tetrachloride	8.074	117	151278	23.406	ug/L	98
33) Benzene	8.324	78	467926	24.576	ug/L	100
34) Trichloroethene	9.092	95	116650	23.567	ug/L	94
35) Methylcyclohexane	9.342	83	192860	22.717	ug/L	98
37) 1,2-Dichloropropane	9.372	63	117124	24.838	ug/L	99
38) Bromodichloromethane	9.646	83	148895	24.374	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	164380	23.673	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	115743	46.160	ug/L	98
42) Toluene	10.390	91	510469	25.310	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	143347	23.453	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	82389	24.134	ug/L	96
46) Tetrachloroethene	10.860	164	87259	23.273	ug/L	94
48) 2-Hexanone	10.969	43	79722	45.674	ug/L	96
49) Dibromochloromethane	11.128	129	94156	24.111	ug/L	92
50) 1,2-Dibromoethane	11.238	107	77485	24.166	ug/L	98
51) Chlorobenzene	11.658	112	309702	24.177	ug/L	98
52) Ethylbenzene	11.731	91	537340	24.746	ug/L	98
53) m,p-Xylene	11.841	106	204911	24.574	ug/L	93
54) o-Xylene	12.164	106	194209	24.622	ug/L	93
55) Styrene	12.183	104	330392	24.514	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	99239	23.705	ug/L	99
59) Bromoform	12.353	173	48483	22.584	ug/L	94
60) Isopropylbenzene	12.463	105	511415	23.344	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	71117	22.433	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	430105	24.597	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	438008	24.712	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	228644	23.409	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	229093	22.818	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	213836	24.108	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	15049	21.776	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	158871	23.606	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	125123	24.195	ug/L	96
71) Naphthalene	15.365	128	252421	24.473	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	116549	24.338	ug/L	98

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

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