

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041921\
 Data File : VW018680.D
 Acq On : 19 Apr 2021 13:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025112

Quant Time: Apr 20 01:15:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 20 01:14:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	538086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	502199	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	252849	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	171754	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	2.897	69	147975	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
11) 1,1-Dichloroethene-d2	4.025	63	342096	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.36%
21) 2-Butanone-d5	7.080	46	89360	48.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.02%
24) Chloroform-d	7.647	84	371128	25.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	8.305	65	200154	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
32) Benzene-d6	8.275	84	711781	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
36) 1,2-Dichloropropane-d6	9.274	67	218312	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
41) Toluene-d8	10.323	98	658881	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	10.579	79	95881	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.48%
47) 2-Hexanone-d5	10.926	63	76145	49.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.64%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	182772	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	213816	24.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.28%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	135709	26.50	ug/L	98
3) Chloromethane	2.221	50	128302	18.34	ug/L	99
5) Vinyl chloride	2.367	62	236584	23.46	ug/L	97
6) Bromomethane	2.788	94	165251	20.56	ug/L	99
8) Chloroethane	2.928	64	144065	22.39	ug/L	95
9) Trichlorofluoromethane	3.263	101	173025	30.63	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	198076	27.63	ug/L	98
12) 1,1-Dichloroethene	4.044	96	193028	27.29	ug/L	95
13) Acetone	4.135	43	71719	53.08	ug/L	88
14) Carbon disulfide	4.385	76	549614	26.11	ug/L	98
15) Methyl Acetate	4.678	43	77654	25.20	ug/L	96
16) Methylene chloride	4.921	84	216753	24.58	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	203141	26.70	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	279102	27.42	ug/L	98
19) 1,1-Dichloroethane	6.214	63	372545	26.63	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	216554	26.76	ug/L	100
22) 2-Butanone	7.171	43	104971	51.13	ug/L	97
23) Bromochloromethane	7.512	128	92876	26.51	ug/L	95
25) Chloroform	7.677	83	382225	26.92	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	250517	25.92	ug/L	99
29) Cyclohexane	7.957	56	325714	26.34	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	306435	27.89	ug/L	99
31) Carbon tetrachloride	8.073	117	280094	28.27	ug/L	100
33) Benzene	8.323	78	833608	26.43	ug/L	100
34) Trichloroethene	9.091	95	217577	26.79	ug/L	94
35) Methylcyclohexane	9.335	83	374055	26.50	ug/L	99
37) 1,2-Dichloropropane	9.372	63	208132	26.07	ug/L	98
38) Bromodichloromethane	9.646	83	271903	26.76	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	323358	27.29	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	229932	46.88	ug/L	94
42) Toluene	10.390	91	908666	26.84	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	283221	27.37	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	153522	25.92	ug/L	95
46) Tetrachloroethene	10.866	164	159915	27.87	ug/L	96
48) 2-Hexanone	10.969	43	160275	51.69	ug/L	94
49) Dibromochloromethane	11.128	129	171926	27.24	ug/L	92
50) 1,2-Dibromoethane	11.237	107	146108	25.93	ug/L #	99
51) Chlorobenzene	11.658	112	559696	26.85	ug/L	98
52) Ethylbenzene	11.731	91	1016670	27.19	ug/L	99
53) m,p-Xylene	11.841	106	368772	26.88	ug/L	86
54) o-Xylene	12.164	106	361199	27.43	ug/L	99
55) Styrene	12.182	104	611725	26.85	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	190733	25.86	ug/L	99
59) Bromoform	12.347	173	93609	25.97	ug/L	100
60) Isopropylbenzene	12.463	105	991880	26.67	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	139311	24.12	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	829551	26.93	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	831678	27.05	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	416467	26.43	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	426420	26.75	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	384356	26.51	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	29251	24.36	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	310214	27.57	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	254426	27.78	ug/L	98
71) Naphthalene	15.365	128	496939	25.75	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	221654	27.42	ug/L	96

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

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