

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018616.D
 Acq On : 09 Apr 2021 15:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025113

Quant Time: Apr 17 03:20:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 17 03:19:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	462873	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425981	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	224520	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	126185	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
7) Chloroethane-d5	2.892	69	115373	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
11) 1,1-Dichloroethene-d2	4.019	63	233034	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.56%
21) 2-Butanone-d5	7.080	46	71002	45.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.54%
24) Chloroform-d	7.647	84	270304	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.305	65	152508	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.44%
32) Benzene-d6	8.275	84	471060	21.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.36%
36) 1,2-Dichloropropane-d6	9.275	67	145013	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.12%
41) Toluene-d8	10.323	98	449592	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	10.579	79	68944	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
47) 2-Hexanone-d5	10.927	63	59464	46.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.34%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	145199	23.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.32%
66) 1,2-Dichlorobenzene-d4	13.853	152	168828	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	124771	24.15	ug/L	94
3) Chloromethane	2.215	50	163834	25.36	ug/L	100
5) Vinyl chloride	2.367	62	232012	23.71	ug/L	97
6) Bromomethane	2.782	94	163434	23.56	ug/L	92
8) Chloroethane	2.928	64	149668	26.20	ug/L	98
9) Trichlorofluoromethane	3.263	101	138391	31.87	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	167299	26.92	ug/L #	84
12) 1,1-Dichloroethene	4.044	96	162649	26.17	ug/L	90
13) Acetone	4.129	43	59399	54.30	ug/L	92
14) Carbon disulfide	4.385	76	462659	24.73	ug/L	99
15) Methyl Acetate	4.672	43	65639	23.82	ug/L	99
16) Methylene chloride	4.916	84	175434	25.32	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	172251	25.58	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	220290	25.72	ug/L	96
19) 1,1-Dichloroethane	6.214	63	295198	25.62	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	183234	25.91	ug/L	96
22) 2-Butanone	7.171	43	88778	50.46	ug/L	97
23) Bromochloromethane	7.513	128	83520	25.35	ug/L	93
25) Chloroform	7.677	83	323536	25.86	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	219186	24.52	ug/L	99
29) Cyclohexane	7.958	56	264824	26.87	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	269971	28.11	ug/L	98
31) Carbon tetrachloride	8.067	117	262094	28.71	ug/L	96
33) Benzene	8.323	78	684427	26.92	ug/L	100
34) Trichloroethene	9.092	95	191339	27.23	ug/L	97
35) Methylcyclohexane	9.335	83	325208	27.34	ug/L	98
37) 1,2-Dichloropropane	9.366	63	163071	26.83	ug/L	99
38) Bromodichloromethane	9.646	83	236033	27.03	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	268456	26.88	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	199046	50.20	ug/L	97
42) Toluene	10.390	91	786399	27.24	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	240062	25.86	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	135618	26.54	ug/L	99
46) Tetrachloroethene	10.860	164	147769	27.90	ug/L	95
48) 2-Hexanone	10.969	43	141306	50.02	ug/L	97
49) Dibromochloromethane	11.128	129	163727	27.23	ug/L	100
50) 1,2-Dibromoethane	11.238	107	134522	25.90	ug/L	99
51) Chlorobenzene	11.658	112	488302	26.36	ug/L	96
52) Ethylbenzene	11.731	91	872041	26.69	ug/L	98
53) m,p-Xylene	11.841	106	323768	26.65	ug/L	96
54) o-Xylene	12.164	106	313858	26.56	ug/L	90
55) Styrene	12.183	104	526677	25.98	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	163924	25.26	ug/L	98
59) Bromoform	12.347	173	90487	25.91	ug/L	95
60) Isopropylbenzene	12.463	105	873415	27.36	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	123434	25.58	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	711642	26.43	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	738823	27.18	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	375572	26.53	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	376195	26.03	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	338212	25.88	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	25381	21.86	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	259731	25.15	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	207543	23.85	ug/L	96
71) Naphthalene	15.365	128	430111	23.31	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	186420	23.88	ug/L	97

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

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