

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018701.D
 Acq On : 21 Apr 2021 09:41
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025115

Quant Time: Apr 22 01:16:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	645216	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	580928	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	289256	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	180149	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
7) Chloroethane-d5	2.891	69	152843	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
11) 1,1-Dichloroethene-d2	4.025	63	379735	22.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.20%
21) 2-Butanone-d5	7.080	46	108006	48.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.78%
24) Chloroform-d	7.653	84	427219	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.305	65	235612	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.68%
32) Benzene-d6	8.275	84	797709	23.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.64%
36) 1,2-Dichloropropane-d6	9.274	67	246131	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.88%
41) Toluene-d8	10.323	98	749797	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
43) trans-1,3-Dichloroprop...	10.579	79	116163	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.28%
47) 2-Hexanone-d5	10.927	63	93071	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	210533	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.20%
66) 1,2-Dichlorobenzene-d4	13.853	152	259496	25.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	151346	24.64	ug/L	95
3) Chloromethane	2.221	50	137081	16.34	ug/L	99
5) Vinyl chloride	2.367	62	249667	20.65	ug/L	98
6) Bromomethane	2.782	94	166628	17.29	ug/L	99
8) Chloroethane	2.928	64	150830	19.55	ug/L	99
9) Trichlorofluoromethane	3.263	101	175924	25.97	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	216869	25.23	ug/L	97
12) 1,1-Dichloroethene	4.044	96	216104	25.48	ug/L	99
13) Acetone	4.129	43	76560	47.26	ug/L	85
14) Carbon disulfide	4.385	76	581641	23.04	ug/L	99
15) Methyl Acetate	4.672	43	87694	23.74	ug/L	94
16) Methylene chloride	4.915	84	225164	21.29	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	226571	24.84	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	322200	26.40	ug/L	97
19) 1,1-Dichloroethane	6.214	63	410156	24.45	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	241283	24.86	ug/L	96
22) 2-Butanone	7.171	43	118396	48.09	ug/L	96
23) Bromochloromethane	7.513	128	108328	25.78	ug/L	92
25) Chloroform	7.677	83	423263	24.86	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	281391	24.28	ug/L	97
29) Cyclohexane	7.958	56	348113	24.33	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	342759	26.96	ug/L	98
31) Carbon tetrachloride	8.067	117	316622	27.62	ug/L	99
33) Benzene	8.323	78	914498	25.07	ug/L	100
34) Trichloroethene	9.092	95	243652	25.94	ug/L	97
35) Methylcyclohexane	9.335	83	400417	24.53	ug/L	100
37) 1,2-Dichloropropane	9.366	63	224976	24.36	ug/L	98
38) Bromodichloromethane	9.646	83	304743	25.93	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	370485	27.03	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	268029	47.24	ug/L	94
42) Toluene	10.390	91	1004062	25.64	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	327471	27.36	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	176400	25.75	ug/L	97
46) Tetrachloroethene	10.860	164	181627	27.37	ug/L	97
48) 2-Hexanone	10.969	43	177722	49.55	ug/L	92
49) Dibromochloromethane	11.128	129	196167	26.87	ug/L	89
50) 1,2-Dibromoethane	11.237	107	168612	25.86	ug/L	100
51) Chlorobenzene	11.658	112	615965	25.55	ug/L	97
52) Ethylbenzene	11.731	91	1124203	25.99	ug/L	96
53) m,p-Xylene	11.841	106	421135	26.54	ug/L	96
54) o-Xylene	12.164	106	405054	26.59	ug/L	96
55) Styrene	12.182	104	688370	26.12	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	211818	24.82	ug/L	99
59) Bromoform	12.347	173	108446	26.30	ug/L	96
60) Isopropylbenzene	12.463	105	1096647	25.78	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	158047	23.92	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	931323	26.43	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	914225	26.00	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	477437	26.48	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	467197	25.62	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	427479	25.77	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	34769	25.32	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	353560	27.47	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	307013	29.30	ug/L	97
71) Naphthalene	15.365	128	592175	26.83	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	258474	27.95	ug/L	98

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

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