

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031521\
 Data File : VW018337.D
 Acq On : 15 Mar 2021 11:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Mar 16 01:11:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 00:38:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	263525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	239596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	117289	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	61265	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
7) Chloroethane-d5	2.898	69	52098	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
10) 1,1-Dichloroethene-d2	4.026	63	153084	23.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.36%
20) 2-Butanone-d5	7.074	46	33709	49.68	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.36%
24) Chloroform-d	7.647	84	167594	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.305	65	90045	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.275	84	297164	23.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.20%
33) 1,2-Dichloropropane-d6	9.275	67	82585	23.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.48%
37) Toluene-d8	10.323	98	284926	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloroprop...	10.579	79	40098	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.921	63	29065	49.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.88%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	69816	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.40%
61) 1,2-Dichlorobenzene-d4	13.853	152	96883	22.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.92%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	87167	23.84	ug/L	93
3) Chloromethane	2.215	50	53906	22.49	ug/L	98
5) Vinyl chloride	2.367	62	87493	23.76	ug/L	98
6) Bromomethane	2.782	94	61213	22.35	ug/L	98
8) Chloroethane	2.934	64	50106	23.71	ug/L	98
9) Trichlorofluoromethane	3.263	101	71036	22.88	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	92762	24.71	ug/L	99
12) 1,1-Dichloroethene	4.050	96	87153	25.17	ug/L	84
13) Acetone	4.117	43	25617	48.31	ug/L	98
14) Carbon disulfide	4.391	76	244221	24.21	ug/L	100
15) Methyl Acetate	4.666	43	28453	24.82	ug/L #	66
16) Methylene chloride	4.916	84	86762	21.57	ug/L	96
17) Methyl tert-butyl Ether	5.422	73	97723	24.60	ug/L #	89
18) trans-1,2-Dichloroethene	5.422	96	90543	24.60	ug/L	97
19) 1,1-Dichloroethane	6.214	63	150700	24.99	ug/L	99
21) 2-Butanone	7.165	43	37298	50.77	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	95919	24.91	ug/L	97
23) Bromochloromethane	7.513	128	42828	24.71	ug/L	93
25) Chloroform	7.671	83	176181	25.49	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	113631	24.79	ug/L	97
30) Cyclohexane	7.958	56	127136	24.59	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	150659	25.47	ug/L	99
32) Carbon tetrachloride	8.068	117	143265	25.16	ug/L	100
34) Benzene	8.324	78	346392	25.12	ug/L	100
35) Trichloroethene	9.092	95	100396	24.85	ug/L	100
36) Methylcyclohexane	9.336	83	159019	24.47	ug/L	99
40) 1,2-Dichloropropane	9.366	63	79311	24.77	ug/L	100
41) Bromodichloromethane	9.646	83	125409	25.19	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	135185	25.19	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	83167	50.04	ug/L	99
44) Toluene	10.384	91	390198	25.26	ug/L	94
45) trans-1,3-Dichloropropene	10.604	75	123555	25.77	ug/L	94
46) 1,1,2-Trichloroethane	10.787	97	64814	24.64	ug/L	98
47) Tetrachloroethene	10.860	164	75480	24.95	ug/L	92
49) 2-Hexanone	10.963	43	57953	50.58	ug/L	96
50) Dibromochloromethane	11.128	129	82431	25.48	ug/L	98
51) 1,2-Dibromoethane	11.238	107	63993	24.69	ug/L	96
52) Chlorobenzene	11.658	112	251595	25.13	ug/L	98
53) Ethylbenzene	11.731	91	451737	25.45	ug/L	100
54) m,p-Xylene	11.841	106	168705	25.08	ug/L	98
55) o-xylene	12.164	106	160763	25.55	ug/L	99
56) Styrene	12.177	104	274110	25.46	ug/L	98
57) Isopropylbenzene	12.463	105	452670	25.37	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	74522	24.56	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	56294	24.48	ug/L	99
62) Bromoform	12.347	173	42006	24.35	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	192274	24.68	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	192352	24.96	ug/L	96
65) 1,2-Dichlorobenzene	13.865	146	161956	23.11	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	13476	24.63	ug/L	95
67) 1,3,5-Trichlorobenzene	14.627	180	132625	23.33	ug/L	91
68) 1,2,4-trichlorobenzene	15.133	180	109673	23.50	ug/L	91
69) Naphthalene	15.359	128	220986	24.06	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	98974	24.37	ug/L	99

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

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