

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018121.D
 Acq On : 12 Feb 2021 19:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Feb 12 22:49:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	411104	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	379137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	200600	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	91964	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
7) Chloroethane-d5	2.891	69	80300	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.025	63	210487	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.44%
20) 2-Butanone-d5	7.074	46	65128	47.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.54%
24) Chloroform-d	7.647	84	250331	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.305	65	129413	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.08%
29) Benzene-d6	8.275	84	470621	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.274	67	137979	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	10.323	98	445273	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloroprop...	10.579	79	63615	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.40%
39) 2-Hexanone-d5	10.920	63	58023	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	127741	24.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.92%
61) 1,2-Dichlorobenzene-d4	13.853	152	182965	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	109535	19.69	ug/L	100
3) Chloromethane	2.215	50	84506	20.63	ug/L	99
5) Vinyl chloride	2.367	62	130866	23.16	ug/L	98
6) Bromomethane	2.782	94	92160	22.93	ug/L	100
8) Chloroethane	2.928	64	76679	22.71	ug/L	97
9) Trichlorofluoromethane	3.263	101	89732	21.96	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	139963	23.97	ug/L #	65
12) 1,1-Dichloroethene	4.044	96	132038	24.04	ug/L	96
13) Acetone	4.117	43	44960	44.57	ug/L	97
14) Carbon disulfide	4.391	76	364149	22.76	ug/L	99
15) Methyl Acetate	4.665	43	51765	23.13	ug/L	98
16) Methylene chloride	4.921	84	143021	21.71	ug/L	91
17) Methyl tert-butyl Ether	5.421	73	157602	25.56	ug/L	96
18) trans-1,2-Dichloroethene	5.421	96	140910	24.00	ug/L	96
19) 1,1-Dichloroethane	6.214	63	227208	23.98	ug/L	98
21) 2-Butanone	7.165	43	66689	43.43	ug/L	91
22) cis-1,2-Dichloroethene	7.171	96	153208	25.16	ug/L	96
23) Bromochloromethane	7.512	128	72669	24.83	ug/L	96
25) Chloroform	7.677	83	251674	24.34	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	155938	23.24	ug/L	100
30) Cyclohexane	7.958	56	200414	23.11	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	204121	24.28	ug/L	98
32) Carbon tetrachloride	8.067	117	193256	23.74	ug/L	98
34) Benzene	8.323	78	535665	24.17	ug/L	100
35) Trichloroethene	9.091	95	150699	24.13	ug/L	98
36) Methylcyclohexane	9.335	83	243374	23.18	ug/L	96
40) 1,2-Dichloropropane	9.366	63	126389	24.86	ug/L	100
41) Bromodichloromethane	9.646	83	180011	24.72	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	206508	25.20	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	150880	47.72	ug/L #	91
44) Toluene	10.390	91	599921	24.60	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	177882	24.94	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	106679	24.58	ug/L	99
47) Tetrachloroethene	10.859	164	132338	24.89	ug/L	90
49) 2-Hexanone	10.969	43	105961	48.23	ug/L	95
50) Dibromochloromethane	11.128	129	132861	25.55	ug/L	98
51) 1,2-Dibromoethane	11.237	107	104919	24.23	ug/L	98
52) Chlorobenzene	11.658	112	393712	24.51	ug/L	99
53) Ethylbenzene	11.731	91	670894	24.21	ug/L	95
54) m,p-Xylene	11.841	106	262414	24.83	ug/L	96
55) o-xylene	12.164	106	254926	25.43	ug/L	93
56) Styrene	12.182	104	436699	25.61	ug/L	96
57) Isopropylbenzene	12.463	105	682839	24.46	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	124272	24.20	ug/L	100
59) 1,2,3-Trichloropropane	12.768	75	92227	23.71	ug/L	99
62) Bromoform	12.347	173	77943	25.21	ug/L	89
63) 1,3-Dichlorobenzene	13.499	146	330456	25.84	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	327183	25.44	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	294752	25.56	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	20691	23.69	ug/L	95
67) 1,3,5-Trichlorobenzene	14.627	180	253345	25.79	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	209670	25.60	ug/L	93
69) Naphthalene	15.365	128	424067	26.62	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	186611	25.56	ug/L	98

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

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