Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017922.D
Acq On : 18 Jan 2021 11:33
Operator : SY/VA
Sample : VSTD10006
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD10006

Quant Time: Jan 18 12:08:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 11:36:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	431777	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	398375	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	200229	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	618032	90.00	ug/L		0.00
7) Chloroethane-d5	2.879	69	520742	92.43	ug/L		-0.01
10) 1,1-Dichloroethene-d2	4.019	63	1126953	94.57	ug/L		0.00
20) 2-Butanone-d5	7.074	46	343711	268.04	ug/L		0.00
24) Chloroform-d	7.653	84	1135607	98.23	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	637860	103.81	ug/L		0.00
29) Benzene-d6	8.275	84	2174173	95.74	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.275	67	623341	99.15	ug/L		0.00
37) Toluene-d8	10.323	98	2077441	95.43	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	320429	112.43	ug/L		0.00
39) 2-Hexanone-d5	10.927	63	253376	275.88	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	572875	114.25	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	693601	97.69	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	528602	105.99	ug/L		98
3) Chloromethane	2.215	50	472477	108.80	ug/L		96
5) Vinyl chloride	2.361	62	674137	92.16	ug/L		99
6) Bromomethane	2.770	94	528067	98.86	ug/L		99
8) Chloroethane	2.916	64	423432	93.19	ug/L		99
9) Trichlorofluoromethane	3.257	101	574257	96.32	ug/L		100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	560844	100.54	ug/L	#	71
12) 1,1-Dichloroethene	4.038	96	536773	99.03	ug/L		80
13) Acetone	4.117	43	225725	226.45	ug/L		90
14) Carbon disulfide	4.385	76	1692483	104.18	ug/L		99
15) Methyl Acetate	4.666	43	275633	131.28	ug/L		97
16) Methylene chloride	4.916	84	522188	82.90	ug/L		96
17) Methyl tert-butyl Ether	5.422	73	720422	102.85	ug/L		99
18) trans-1,2-Dichloroethene	5.422	96	580975	99.34	ug/L		98
19) 1,1-Dichloroethane	6.214	63	1000806	100.25	ug/L		98
21) 2-Butanone	7.171	43	361078	249.84	ug/L		99
22) cis-1,2-Dichloroethene	7.165	96	615516	100.74	ug/L		96
23) Bromochloromethane	7.519	128	287459	109.13	ug/L		96
25) Chloroform	7.677	83	1042401	99.52	ug/L		99
27) 1,2-Dichloroethane	8.403	62	724448	104.44	ug/L		97
30) Cyclohexane	7.958	56	927125	97.14	ug/L		99
31) 1,1,1-Trichloroethane	7.872	97	883453	96.49	ug/L		98
32) Carbon tetrachloride	8.067	117	883324	102.07	ug/L		100
34) Benzene	8.323	78	2212627	96.59	ug/L		100
35) Trichloroethene	9.092	95	622609	98.40	ug/L		96
36) Methylcyclohexane	9.336	83	1070916	96.87	ug/L		98
40) 1,2-Dichloropropane	9.366	63	540049	99.56	ug/L		98
41) Bromodichloromethane	9.646	83	793333	106.44	ug/L		94
42) cis-1,3-Dichloropropene	10.073	75	935899	108.14	ug/L		98
43) 4-Methyl-2-pentanone	10.207	43	786672	263.88	ug/L		98
44) Toluene	10.390	91	2493541	95.95	ug/L		98
45) trans-1,3-Dichloropropene	10.604	75	847120	113.54	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	446020	106.95	ug/L		99
47) Tetrachloroethene	10.860	164	470776	94.96	ug/L		94
49) 2-Hexanone	10.969	43	548342	260.64	ug/L		91
50) Dibromochloromethane	11.128	129	566231	115.84	ug/L		100
51) 1,2-Dibromoethane	11.238	107	465324	116.51	ug/L	#	96
52) Chlorobenzene	11.658	112	1597028	98.55	ug/L		98
53) Ethylbenzene	11.731	91	2807816	95.43	ug/L		96
54) m,p-Xylene	11.841	106	1103940	96.62	ug/L		96
55) o-xylene	12.164	106	1020949	94.69	ug/L		94
56) Styrene	12.183	104	1792939	99.63	ug/L		99
57) Isopropylbenzene	12.463	105	2855619	95.88	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	552761	114.74	ug/L		98
59) 1,2,3-Trichloropropane	12.768	75	412836	115.72	ug/L		97
62) Bromoform	12.347	173	328447	128.48	ug/L		100
63) 1,3-Dichlorobenzene	13.499	146	1215475	97.50	ug/L		96
64) 1,4-Dichlorobenzene	13.579	146	1206745	96.83	ug/L		95
65) 1,2-Dichlorobenzene	13.865	146	1066811	96.42	ug/L		93
66) 1,2-Dibromo-3-chloropr...	14.481	75	98507	124.33	ug/L	#	81
67) 1,3,5-Trichlorobenzene	14.627	180	827539	96.39	ug/L		99
68) 1,2,4-trichlorobenzene	15.133	180	702716	99.25	ug/L		92
69) Naphthalene	15.365	128	1655785	115.86	ug/L		100
70) 1,2,3-Trichlorobenzene	15.554	180	645355	105.91	ug/L		98

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

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