Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017920.D
Acq On : 18 Jan 2021 10:46
Operator : SY/VA
Sample : VSTD02504
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02504

Quant Time: Jan 18 11:38:12 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	388021	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	360425	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	186752	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	151844	24.60	ug/L		0.00
7) Chloroethane-d5	2.892	69	123344	24.36	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.025	63	277450	25.91	ug/L		0.00
20) 2-Butanone-d5	7.080	46	86385	74.96	ug/L		0.00
24) Chloroform-d	7.647	84	266846	25.68	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	155576	28.17	ug/L		0.00
29) Benzene-d6	8.275	84	509825	24.81	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.275	67	145934	25.66	ug/L		0.00
37) Toluene-d8	10.323	98	486796	24.72	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	69931	27.12	ug/L		0.00
39) 2-Hexanone-d5	10.927	63	62796	75.57	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	144597	31.87	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	162803	24.58	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	122909	27.42	ug/L		96
3) Chloromethane	2.215	50	95139	24.38	ug/L		96
5) Vinyl chloride	2.367	62	165789	25.22	ug/L		100
6) Bromomethane	2.776	94	121844	25.38	ug/L		97
8) Chloroethane	2.922	64	101756	24.92	ug/L		93
9) Trichlorofluoromethane	3.263	101	124840	23.30	ug/L		100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	131627	26.26	ug/L	#	69
12) 1,1-Dichloroethene	4.044	96	129564	26.60	ug/L		86
13) Acetone	4.129	43	53289	59.49	ug/L		97
14) Carbon disulfide	4.391	76	401680	27.51	ug/L		100
15) Methyl Acetate	4.678	43	69322	36.74	ug/L		96
16) Methylene chloride	4.916	84	129661	22.91	ug/L		94
17) Methyl tert-butyl Ether	5.428	73	176053	27.97	ug/L	#	91
18) trans-1,2-Dichloroethene	5.428	96	139320	26.51	ug/L		96
19) 1,1-Dichloroethane	6.214	63	233743	26.05	ug/L		98
21) 2-Butanone	7.171	43	93787	72.21	ug/L		98
22) cis-1,2-Dichloroethene	7.165	96	140633	25.61	ug/L		96
23) Bromochloromethane	7.513	128	64833	27.39	ug/L		80
25) Chloroform	7.677	83	245765	26.11	ug/L		100
27) 1,2-Dichloroethane	8.403	62	174945	28.07	ug/L		97
30) Cyclohexane	7.958	56	222918	25.82	ug/L		100
31) 1,1,1-Trichloroethane	7.872	97	208923	25.22	ug/L		97
32) Carbon tetrachloride	8.067	117	200164	25.57	ug/L		100
34) Benzene	8.323	78	524299	25.30	ug/L		100
35) Trichloroethene	9.092	95	143667	25.10	ug/L		96
36) Methylcyclohexane	9.335	83	256715	25.67	ug/L		100
40) 1,2-Dichloropropane	9.372	63	126217	25.72	ug/L		98
41) Bromodichloromethane	9.646	83	177355	26.30	ug/L		98
42) cis-1,3-Dichloropropene	10.073	75	205988	26.31	ug/L		99
43) 4-Methyl-2-pentanone	10.213	43	198800	73.71	ug/L		97
44) Toluene	10.390	91	584061	24.84	ug/L		100
45) trans-1,3-Dichloropropene	10.604	75	185918	27.54	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	107784	28.57	ug/L		98
47) Tetrachloroethene	10.866	164	113892	25.39	ug/L		90
49) 2-Hexanone	10.969	43	140923	74.04	ug/L		92
50) Dibromochloromethane	11.128	129	124704	28.20	ug/L		97
51) 1,2-Dibromoethane	11.238	107	107357	29.71	ug/L	#	97
52) Chlorobenzene	11.658	112	367129	25.04	ug/L		96
53) Ethylbenzene	11.731	91	666743	25.05	ug/L		97
54) m,p-Xylene	11.841	106	252094	24.39	ug/L		91
55) o-xylene	12.164	106	238175	24.41	ug/L		99
56) Styrene	12.183	104	405451	24.90	ug/L		98
57) Isopropylbenzene	12.463	105	658879	24.45	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.713	83	138354	31.74	ug/L		99
59) 1,2,3-Trichloropropane	12.768	75	104831	32.48	ug/L		100
62) Bromoform	12.347	173	68273	28.63	ug/L		97
63) 1,3-Dichlorobenzene	13.499	146	288456	24.81	ug/L		97
64) 1,4-Dichlorobenzene	13.579	146	282616	24.31	ug/L		97
65) 1,2-Dichlorobenzene	13.871	146	267792	25.95	ug/L		98
66) 1,2-Dibromo-3-chloropr...	14.481	75	24617	33.31	ug/L	#	80
67) 1,3,5-Trichlorobenzene	14.627	180	208665	26.06	ug/L		98
68) 1,2,4-trichlorobenzene	15.127	180	172653	26.14	ug/L		94
69) Naphthalene	15.365	128	409755	30.74	ug/L		100
70) 1,2,3-Trichlorobenzene	15.554	180	154299	27.15	ug/L		96

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

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