Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017465.D
Acq On : 24 Nov 2020 10:24
Operator : SY/VA
Sample : VSTD02502
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02502

Quant Time: Nov 24 11:19:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 16:18:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	455235	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	413202	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214132	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	138708	20.33	ug/L		0.00
7) Chloroethane-d5	2.89	69	112968	21.63	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.03	63	305850	26.79	ug/L		0.00
20) 2-Butanone-d5	7.09	46	50986	43.30	ug/L		0.01
24) Chloroform-d	7.65	84	294728	25.40	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	136586	23.33	ug/L		0.00
29) Benzene-d6	8.27	84	579188	24.83	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	156195	22.87	ug/L		0.00
37) Toluene-d8	10.33	98	542741	22.49	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	68287	21.60	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	36240	32.79	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102664	18.48	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	177017	21.72	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	96281	22.293	ug/L		98
3) Chloromethane	2.22	50	105910	22.870	ug/L		95
5) Vinyl chloride	2.37	62	138533	21.691	ug/L		99
6) Bromomethane	2.79	94	97525	20.556	ug/L		99
8) Chloroethane	2.93	64	90085	22.484	ug/L		95
9) Trichlorofluoromethane	3.27	101	155755	26.867	ug/L		99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	159218	26.784	ug/L	#	66
12) 1,1-Dichloroethene	4.05	96	153243	27.056	ug/L		94
13) Acetone	4.14	43	42148	49.784	ug/L		99
14) Carbon disulfide	4.40	76	439805	27.170	ug/L		99
15) Methyl Acetate	4.68	43	45042	24.306	ug/L		94
16) Methylene chloride	4.92	84	152153	17.605	ug/L		93
17) Methyl tert-butyl Ether	5.43	73	161076	23.828	ug/L		98
18) trans-1,2-Dichloroethene	5.43	96	160493	26.564	ug/L		95
19) 1,1-Dichloroethane	6.22	63	270220	28.836	ug/L		99
21) 2-Butanone	7.18	43	59309	47.286	ug/L		93
22) cis-1,2-Dichloroethene	7.17	96	165005	26.239	ug/L		95
23) Bromochloromethane	7.52	128	71491	24.062	ug/L	#	92
25) Chloroform	7.68	83	287252	27.294	ug/L		100
27) 1,2-Dichloroethane	8.40	62	162076	24.815	ug/L		99
30) Cyclohexane	7.96	56	248294	31.326	ug/L		93
31) 1,1,1-Trichloroethane	7.88	97	242868	25.791	ug/L		100
32) Carbon tetrachloride	8.07	117	237035	25.644	ug/L		100
34) Benzene	8.33	78	620088	26.938	ug/L		100
35) Trichloroethene	9.10	95	168441	23.997	ug/L		98
36) Methylcyclohexane	9.34	83	285903	24.905	ug/L		94
40) 1,2-Dichloropropane	9.37	63	144647	25.037	ug/L		99
41) Bromodichloromethane	9.65	83	198403	24.598	ug/L		98
42) cis-1,3-Dichloropropene	10.07	75	224629	24.353	ug/L		98
43) 4-Methyl-2-pentanone	10.21	43	113699	40.316	ug/L		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	671216	23.986	ug/L		98
45) trans-1,3-Dichloropropene	10.61	75	186050	23.292	ug/L		100
46) 1,1,2-Trichloroethane	10.79	97	100576	20.335	ug/L		98
47) Tetrachloroethene	10.87	164	141077	20.943	ug/L		91
49) 2-Hexanone	10.97	43	72760	37.105	ug/L		96
50) Dibromochloromethane	11.13	129	129394	21.399	ug/L		98
51) 1,2-Dibromoethane	11.24	107	96084	21.189	ug/L	#	96
52) Chlorobenzene	11.66	112	434700	23.981	ug/L		98
53) Ethylbenzene	11.73	91	757048	24.925	ug/L		97
54) m,p-Xylene	11.84	106	293105	24.660	ug/L		99
55) o-xylene	12.17	106	273871	23.745	ug/L		100
56) Styrene	12.18	104	459203	23.388	ug/L		95
57) Isopropylbenzene	12.46	105	766777	23.869	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.71	83	104015	19.630	ug/L		99
59) 1,2,3-Trichloropropane	12.77	75	75626	19.964	ug/L		99
62) Bromoform	12.35	173	69518	21.275	ug/L		99
63) 1,3-Dichlorobenzene	13.50	146	339977	24.099	ug/L		93
64) 1,4-Dichlorobenzene	13.58	146	330289	23.270	ug/L		92
65) 1,2-Dichlorobenzene	13.87	146	300765	23.768	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16089	21.679	ug/L		95
67) 1,3,5-Trichlorobenzene	14.63	180	245851	23.245	ug/L		98
68) 1,2,4-trichlorobenzene	15.13	180	197385	21.057	ug/L		97
69) Naphthalene	15.37	128	280570	19.417	ug/L		99
70) 1,2,3-Trichlorobenzene	15.56	180	166472	19.999	ug/L		96

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

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