Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015839.D
Acq On : 13 Jul 2020 11:28
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00506

Quant Time: Jul 13 13:03:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 13 13:00:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	270582	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	255809	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	119379	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	27022	6.14	ug/L		0.00
7) Chloroethane-d5	2.89	69	28163	7.36	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.01	63	33878	4.53	ug/L		0.00
20) 2-Butanone-d5	7.10	46	7356	8.42	ug/L		0.02
24) Chloroform-d	7.65	84	38434	5.14	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	20957	4.96	ug/L		0.00
29) Benzene-d6	8.28	84	73866	4.93	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.28	67	21668	4.91	ug/L		0.00
37) Toluene-d8	10.33	98	68718	4.88	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	8693	4.48	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	4979	7.14	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	16905	4.96	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	23190	5.05	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	8760	3.794	ug/L		92
3) Chloromethane	2.21	50	15905	5.714	ug/L		95
5) Vinyl chloride	2.37	62	28684	6.719	ug/L		96
6) Bromomethane	2.79	94	30027	9.669	ug/L		100
8) Chloroethane	2.93	64	21371	7.632	ug/L		95
9) Trichlorofluoromethane	3.26	101	25919	7.604	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	15754	4.980	ug/L	#	75
12) 1,1-Dichloroethene	4.03	96	14188	4.646	ug/L		92
13) Acetone	4.15	43	5623	7.858	ug/L		84
14) Carbon disulfide	4.38	76	48267	5.002	ug/L		99
15) Methyl Acetate	4.69	43	5534	4.204	ug/L	#	60
16) Methylene chloride	4.92	84	20379	5.193	ug/L		97
17) Methyl tert-butyl Ether	5.43	73	22440	4.780	ug/L	#	91
18) trans-1,2-Dichloroethene	5.43	96	17349	5.107	ug/L		97
19) 1,1-Dichloroethane	6.22	63	31983	5.264	ug/L		97
21) 2-Butanone	7.18	43	7191	7.913	ug/L		98
22) cis-1,2-Dichloroethene	7.17	96	17889	5.114	ug/L		94
23) Bromochloromethane	7.51	128	8122	5.258	ug/L		86
25) Chloroform	7.68	83	34559	5.560	ug/L		99
27) 1,2-Dichloroethane	8.40	62	22475	5.260	ug/L		98
30) Cyclohexane	7.96	56	25777	4.565	ug/L		99
31) 1,1,1-Trichloroethane	7.87	97	29405	5.301	ug/L		99
32) Carbon tetrachloride	8.07	117	26440	5.227	ug/L		99
34) Benzene	8.33	78	72902	5.183	ug/L		100
35) Trichloroethene	9.09	95	19758	5.235	ug/L		99
36) Methylcyclohexane	9.34	83	32350	4.959	ug/L		97
40) 1,2-Dichloropropane	9.37	63	18144	5.305	ug/L		99
41) Bromodichloromethane	9.65	83	23119	5.175	ug/L		98
42) cis-1,3-Dichloropropene	10.08	75	23986	4.513	ug/L		97
43) 4-Methyl-2-pentanone	10.21	43	15032	7.903	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	79640	5.157	ug/L		97
45) trans-1,3-Dichloropropene	10.61	75	21105	4.558	ug/L		95
46) 1,1,2-Trichloroethane	10.79	97	13803	5.550	ug/L		94
47) Tetrachloroethene	10.87	164	15775	5.170	ug/L		96
49) 2-Hexanone	10.98	43	10911	8.194	ug/L		94
50) Dibromochloromethane	11.13	129	14344	4.857	ug/L		92
51) 1,2-Dibromoethane	11.24	107	12167	5.024	ug/L		98
52) Chlorobenzene	11.66	112	52940	5.407	ug/L		92
53) Ethylbenzene	11.73	91	88703	5.084	ug/L		98
54) m,p-Xylene	11.84	106	32767	4.974	ug/L		99
55) o-xylene	12.17	106	30308	4.799	ug/L		88
56) Styrene	12.18	104	51223	4.793	ug/L		99
57) Isopropylbenzene	12.46	105	84881	4.887	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.72	83	14869	5.076	ug/L		99
59) 1,2,3-Trichloropropane	12.77	75	11123	5.034	ug/L		98
62) Bromoform	12.35	173	7294	4.749	ug/L	#	97
63) 1,3-Dichlorobenzene	13.50	146	36851	5.122	ug/L		99
64) 1,4-Dichlorobenzene	13.58	146	38684	5.385	ug/L		97
65) 1,2-Dichlorobenzene	13.87	146	34443	5.439	ug/L		95
66) 1,2-Dibromo-3-chloropropan	14.49	75	2247	5.119	ug/L	#	73
67) 1,3,5-Trichlorobenzene	14.63	180	23439	4.803	ug/L		97
68) 1,2,4-trichlorobenzene	15.13	180	17948	4.575	ug/L		99
69) Naphthalene	15.37	128	29807	4.166	ug/L		99
70) 1,2,3-Trichlorobenzene	15.56	180	16742	4.940	ug/L		99

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

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