Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
Data File : VW015840.D
Acq On : 13 Jul 2020 11:51
Operator : SY/VA
Sample : VSTD02501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02501

Quant Time: Jul 13 13:03:25 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	318442	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310938	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159252	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	127276	24.55	ug/L	0.00
7) Chloroethane-d5	2.89	69	135940	30.20	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	176603	20.09	ug/L	0.00
20) 2-Butanone-d5	7.09	46	36519	35.54	ug/L	0.00
24) Chloroform-d	7.65	84	205940	23.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	109579	22.02	ug/L	0.00
29) Benzene-d6	8.27	84	416074	22.83	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	116916	21.80	ug/L	0.00
37) Toluene-d8	10.33	98	405515	23.71	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	49939	21.19	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	32775	38.69	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93769	22.62	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	147341	24.05	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	41924	15.427	ug/L	100
3) Chloromethane	2.21	50	78028	23.818	ug/L	100
5) Vinyl chloride	2.37	62	146659	29.189	ug/L	100
6) Bromomethane	2.79	94	134366	36.766	ug/L	100
8) Chloroethane	2.93	64	110920	33.659	ug/L	100
9) Trichlorofluoromethane	3.26	101	150905	37.620	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	84828	22.783	ug/L	100
12) 1,1-Dichloroethene	4.03	96	81360	22.638	ug/L	100
13) Acetone	4.14	43	25593	30.391	ug/L	100
14) Carbon disulfide	4.38	76	278731	24.542	ug/L	100
15) Methyl Acetate	4.68	43	30030	19.384	ug/L	100
16) Methylene chloride	4.92	84	96961	20.996	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	125959	22.796	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	104132	26.048	ug/L	100
19) 1,1-Dichloroethane	6.22	63	178478	24.959	ug/L	100
21) 2-Butanone	7.18	43	39741	37.157	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	106806	25.945	ug/L	100
23) Bromochloromethane	7.52	128	47329	26.033	ug/L	100
25) Chloroform	7.68	83	194692	26.615	ug/L	100
27) 1,2-Dichloroethane	8.40	62	127822	25.419	ug/L	100
30) Cyclohexane	7.96	56	165590	24.128	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	174037	25.811	ug/L	100
32) Carbon tetrachloride	8.07	117	164629	26.775	ug/L	100
34) Benzene	8.32	78	440405	25.760	ug/L	100
35) Trichloroethene	9.10	95	119795	26.112	ug/L	100
36) Methylcyclohexane	9.34	83	212870	26.848	ug/L	100
40) 1,2-Dichloropropane	9.37	63	105566	25.395	ug/L	100
41) Bromodichloromethane	9.65	83	143409	26.411	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	163077	25.245	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	95101	41.133	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	511451	27.248	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	143764	25.545	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	78448	25.950	ug/L	100
47) Tetrachloroethene	10.87	164	99587	26.852	ug/L	100
49) 2-Hexanone	10.97	43	65413	40.417	ug/L	100
50) Dibromochloromethane	11.13	129	99471	27.709	ug/L	100
51) 1,2-Dibromoethane	11.24	107	77252	26.242	ug/L	100
52) Chlorobenzene	11.66	112	330865	27.799	ug/L	100
53) Ethylbenzene	11.73	91	581383	27.413	ug/L	100
54) m,p-Xylene	11.84	106	228890	28.587	ug/L	100
55) o-xylene	12.17	106	219654	28.612	ug/L	100
56) Styrene	12.18	104	370669	28.536	ug/L	100
57) Isopropylbenzene	12.47	105	600705	28.455	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	90206	25.335	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	66472	24.752	ug/L	100
62) Bromoform	12.35	173	52552	25.647	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	264116	27.517	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	264198	27.570	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	231622	27.416	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	13376	22.843	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	175832	27.010	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	138643	26.494	ug/L	100
69) Naphthalene	15.37	128	245333	25.703	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	120897	26.739	ug/L	100

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

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