Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
Data File : VV013492.D
Acq On : 06 Nov 2019 11:05
Operator : SY/MD
Sample : VSTD01064
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 01:32:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:22:49 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD01064

Manual Integrations APPROVED
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11/7/2019 10:49:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	887947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	843862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	423975	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50157	8.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	42767	9.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	89042	10.18	ug/L	0.00
21) 2-Butanone-d5	3.93	46	70594	17.52	ug/L	0.01
24) Chloroform-d	4.40	84	107343	8.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	74112	9.83	ug/L	0.00
32) Benzene-d6	5.10	84	220757	8.70	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	73544	9.24	ug/L	0.00
41) Toluene-d8	7.36	98	196966	8.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	30266	8.56	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	41321	16.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88152	8.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	83047	8.71	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	70462	9.180	ug/L	99
3) Chloromethane	1.25	50	66047	10.835	ug/L	99
5) Vinyl chloride	1.32	62	60019	9.779	ug/L	95
6) Bromomethane	1.53	94	27853	8.930	ug/L	99
8) Chloroethane	1.60	64	35084	10.140	ug/L	97
9) Trichlorofluoromethane	1.77	101	82094	9.662	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	46228	9.722	ug/L	97
12) 1,1-Dichloroethene	2.14	96	45030	9.829	ug/L	90
13) Acetone	2.19	43	68398	21.591	ug/L	97
14) Carbon disulfide	2.32	76	151371	9.561	ug/L	98
15) Methyl Acetate	2.46	43	60906	9.617	ug/L	100
16) Methylene chloride	2.54	84	61331	9.149	ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	53754	8.666	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	160026	8.783	ug/L	100
19) 1,1-Dichloroethane	3.23	63	104762	9.224	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	57063m	8.480	ug/L	
22) 2-Butanone	4.01	43	80270	17.969	ug/L	98
23) Bromochloromethane	4.30	128	31766	8.754	ug/L	96
25) Chloroform	4.43	83	110010	9.479	ug/L	95
27) 1,2-Dichloroethane	5.18	62	80490	9.373	ug/L	99
29) Cyclohexane	4.72	56	82265	8.357	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	88305	9.036	ug/L	99
31) Carbon tetrachloride	4.87	117	77019	8.766	ug/L	97
33) Benzene	5.15	78	220108	8.608	ug/L	100
34) Trichloroethene	5.96	95	62150	9.280	ug/L	96
35) Methylcyclohexane	6.17	83	82263	8.097	ug/L	97
37) 1,2-Dichloropropane	6.22	63	58340	9.018	ug/L	99
38) Bromodichloromethane	6.55	83	79505	9.317	ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	81392	8.420	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	134158	16.346	ug/L	99

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42) Toluene	7.43	91	222467	8.478	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	70339	8.389	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	55949	8.840	ug/L	98
46) Tetrachloroethene	8.02	164	49292	8.320	ug/L	97
48) 2-Hexanone	8.18	43	103544	15.777	ug/L	95
49) Dibromochloromethane	8.29	129	60399	8.404	ug/L	100
50) 1,2-Dibromoethane	8.39	107	56916	8.517	ug/L	99
51) Chlorobenzene	8.92	112	153028	8.621	ug/L	97
52) Ethylbenzene	9.05	91	232901	8.389	ug/L	99
53) m,p-Xylene	9.18	106	87224	8.126	ug/L	98
54) o-xylene	9.59	106	81282	7.751	ug/L	97
55) Styrene	9.60	104	141995	7.991	ug/L	97
56) Isopropylbenzene	9.97	105	214948	8.004	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	78512	8.059	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	70244	8.734	ug/L	99
61) Bromoform	9.77	173	45827	8.337	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	117205	8.606	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	123928	8.763	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	116671	8.336	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	15810	8.077	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	86817	8.403	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	69662	8.023	ug/L	99
69) Naphthalene	13.55	128	164961	7.118	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	78297	8.480	ug/L	98

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

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