Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
Data File : VV007337.D
Acq On : 04 Sep 2018 19:09
Operator : SY/MD
Sample : VSTD00580
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00580

Quant Time: Sep 05 00:58:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 00:58:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	321297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	297568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117915	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	12584	5.40	ug/L	0.00
7) Chloroethane-d5	1.57	69	10751	7.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	22836	5.62	ug/L	0.00
21) 2-Butanone-d5	3.96	46	19687	10.72	ug/L	0.00
24) Chloroform-d	4.41	84	26811	5.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	16151	5.67	ug/L	0.00
32) Benzene-d6	5.10	84	46839	5.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16394	5.34	ug/L	0.00
41) Toluene-d8	7.37	98	35596	4.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6435	4.73	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	9489	7.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22367	5.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	13576	5.10	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	15656	7.21	ug/L	97
3) Chloromethane	1.25	50	16700	6.41	ug/L	95
5) Vinyl chloride	1.32	62	16277	6.41	ug/L	99
6) Bromomethane	1.52	94	8439	6.59	ug/L	98
8) Chloroethane	1.59	64	9485	7.68	ug/L	94
9) Trichlorofluoromethane	1.77	101	20726	6.30	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12834	6.27	ug/L	97
12) 1,1-Dichloroethene	2.14	96	12458	6.50	ug/L	90
13) Acetone	2.20	43	14603	11.85	ug/L	93
14) Carbon disulfide	2.32	76	34505	6.10	ug/L	95
15) Methyl Acetate	2.47	43	14853	6.69	ug/L	94
16) Methylene chloride	2.54	84	15150	6.57	ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	13603	6.50	ug/L	98
18) Methyl tert-butyl Ether	2.82	73	40812	6.24	ug/L	97
19) 1,1-Dichloroethane	3.23	63	28023	6.56	ug/L	95
20) cis-1,2-Dichloroethene	3.97	96	14170	5.80	ug/L	97
22) 2-Butanone	4.04	43	20222	10.83	ug/L	75
23) Bromochloromethane	4.30	128	7715	6.12	ug/L	89
25) Chloroform	4.44	83	27135	6.35	ug/L	98
27) 1,2-Dichloroethane	5.19	62	19957	6.37	ug/L	100
29) Cyclohexane	4.73	56	17115	5.16	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	21435	6.11	ug/L	98
31) Carbon tetrachloride	4.88	117	18576	6.16	ug/L	98
33) Benzene	5.15	78	52866	5.67	ug/L	100
34) Trichloroethene	5.96	95	13421	5.89	ug/L	98
35) Methylcyclohexane	6.18	83	16267	4.62	ug/L	96
37) 1,2-Dichloropropane	6.23	63	14932	6.04	ug/L	99
38) Bromodichloromethane	6.56	83	18739	6.12	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	17803	5.02	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	30671	10.34	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.44	91	44084	4.82	ug/L		98
44) trans-1,3-Dichloropropene	7.70	75	16756	5.14	ug/L		100
45) 1,1,2-Trichloroethane	7.89	97	14784	6.28	ug/L		98
46) Tetrachloroethene	8.02	164	10295	5.61	ug/L		97
48) 2-Hexanone	8.19	43	21335	9.08	ug/L		97
49) Dibromochloromethane	8.30	129	14289	5.83	ug/L		99
50) 1,2-Dibromoethane	8.40	107	13643	5.87	ug/L		98
51) Chlorobenzene	8.93	112	33100	5.45	ug/L		98
52) Ethylbenzene	9.06	91	40893	4.35	ug/L		96
53) m,p-Xylene	9.19	106	15160	4.28	ug/L		92
54) o-xylene	9.59	106	15102	4.38	ug/L		99
55) Styrene	9.61	104	23646	3.94	ug/L		95
56) Isopropylbenzene	9.98	105	35999	4.08	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	22378	5.95	ug/L		98
59) 1,2,3-Trichloropropane	10.33	75	17474	5.79	ug/L		95
61) Bromoform	9.78	173	10254	6.69	ug/L	#	98
62) 1,3-Dichlorobenzene	11.23	146	19621	5.46	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	20805	5.40	ug/L		96
65) 1,2-Dichlorobenzene	11.70	146	22010	5.62	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.48	75	4006	6.17	ug/L		93
67) 1,3,5-Trichlorobenzene	12.70	180	14262	5.20	ug/L		97
68) 1,2,4-trichlorobenzene	13.32	180	8577	3.96	ug/L		100
69) Naphthalene	13.56	128	20511	3.33	ug/L		100
70) 1,2,3-Trichlorobenzene	13.80	180	9553	4.05	ug/L		96

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

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