Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
Data File : VL032154.D
Acq On : 30 Jun 2018 3:57
Operator : SY/AP
Sample : VL0629ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 30 04:38:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 2
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VL0629ABS01

Manual Integrations APPROVED
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7/2/2018 4:25:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1596636	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.39	114	3970112	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.35	117	3948221	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2748455	9.11	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.13	85	2537420	12.07	ppbv	98
3) Chlorodifluoromethane	3.07	51	1808197	9.27	ppbv	95
4) Chloromethane	3.23	50	981301	9.42	ppbv	99
5) Vinyl Chloride	3.35	62	1000458	9.51	ppbv	98
6) Bromomethane	3.58	94	561506	9.37	ppbv	97
7) Chloroethane	3.67	64	350086	9.41	ppbv	94
8) Dichlorotetrafluoroethane	3.28	85	2141602	9.13	ppbv	94
9) Propene	3.09	41	823131	9.05	ppbv	98
10) Heptane	8.34	43	2476661	9.34	ppbv	99
11) Trichlorofluoromethane	4.07	101	2189620	9.63	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.63	101	1380425	9.11	ppbv	94
13) Ethanol	3.72	45	170621	6.19	ppbv	96
14) Bromoethene	3.86	108	683770	9.49	ppbv	99
15) Acetone	3.97	43	1676243	8.98	ppbv	100
16) 1,3-Butadiene	3.42	39	936535	10.51	ppbv	89
17) tert-Butyl alcohol	4.43	59	936032	7.87	ppbv	99
18) 1,1-Dichloroethene	4.43	96	670797	9.26	ppbv	97
19) Isopropyl Alcohol	4.10	45	1210556	7.80	ppbv #	41
20) Methylene Chloride	4.49	84	582644	8.54	ppbv	98
21) Allyl Chloride	4.55	41	1178418	9.24	ppbv	97
22) trans-1,2-Dichloroethene	5.04	96	725354	9.58	ppbv	97
23) Vinyl Acetate	5.24	43	3404832	10.06	ppbv	99
24) 1,1-Dichloroethane	5.17	63	2193275	10.11	ppbv	100
25) Ethyl Acetate	5.85	43	3731792	9.66	ppbv	99
26) Hexane	5.86	57	1703745	9.58	ppbv	96
27) Carbon Disulfide	4.70	76	1664906	9.42	ppbv	99
28) Methyl tert-Butyl Ether	5.20	73	3107279	9.88	ppbv	100
29) Chloroform	5.94	83	2606944	10.07	ppbv	99
30) Cyclohexane	7.34	84	1624696	9.69	ppbv	98
31) cis-1,2-Dichloroethene	5.73	61	1790823	10.07	ppbv	95
32) 1,1,1-Trichloroethane	6.71	97	2612370	9.62	ppbv	98
34) 2-Butanone	5.41	43	2630211	10.44	ppbv	99
35) Carbon Tetrachloride	7.23	117	2660454	9.79	ppbv	98
36) Benzene	7.10	78	3919643	10.20	ppbv	98
37) 1,2-Dichloroethane	6.50	62	2064704	10.78	ppbv	97
38) Trichloroethene	8.06	130	1325546	8.83	ppbv	96
39) 1,2-Dichloropropane	7.83	63	1502931	9.92	ppbv	96
40) 1,4-Dioxane	8.05	88	484597	8.15	ppbv #	1
41) Tetrahydrofuran	6.24	42	1551492	10.27	ppbv	98
42) Bromodichloromethane	8.02	83	2997547	9.99	ppbv	100
43) Methyl Methacrylate	8.23	69	1607700	10.09	ppbv	99

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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.09	57	6376802	9.48	ppbv		99
45) t-1,3-Dichloropropene	9.52	75	2072475	10.50	ppbv		100
46) cis-1,3-Dichloropropene	8.94	75	2423024	10.28	ppbv		98
47) 1,1,2-Trichloroethane	9.72	97	1554325	9.87	ppbv		99
48) Dibromochloromethane	10.56	129	2425877	9.95	ppbv		99
49) Bromoform	13.31	173	1971515	9.65	ppbv		99
50) 4-Methyl-2-Pentanone	8.97	43	4115663	9.97	ppbv		100
51) 2-Hexanone	10.37	43	3423484	10.00	ppbv		100
52) Tetrachloroethene	11.48	164	1201527	8.60	ppbv		97
53) Toluene	10.05	91	4430716	9.54	ppbv		99
54) 1,2-Dibromoethane	10.86	107	2349740	9.92	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.39	131	1622153	9.20	ppbv	#	54
57) Chlorobenzene	12.41	112	3152024	9.22	ppbv		97
58) Ethyl Benzene	12.97	91	5939339	9.33	ppbv		93
59) m/p-Xylene	13.26	91	9409621m	18.45	ppbv		
60) o-Xylene	13.96	91	4564414	8.97	ppbv		96
61) Styrene	13.79	104	3824797	9.17	ppbv		96
62) Isopropylbenzene	14.93	105	6596779	8.43	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.94	83	3242429	8.23	ppbv		99
64) n-propylbenzene	15.83	120	1713781	8.47	ppbv		88
65) tert-Butylbenzene	17.02	119	5428982	7.90	ppbv		94
66) Benzyl Chloride	17.26	91	3646679	8.59	ppbv		95
67) sec-Butylbenzene	17.57	105	8071822	8.02	ppbv		98
69) p-Isopropyltoluene	17.92	119	6553500	8.12	ppbv		97
70) n-Butylbenzene	18.82	91	7131934	8.46	ppbv		99
71) 2-Chlorotoluene	15.72	91	5262788	8.74	ppbv		95
72) 4-Ethyltoluene	16.11	105	5686614	8.66	ppbv		97
73) 1,3,5-Trimethylbenzene	16.26	105	5346556	8.64	ppbv		96
74) 1,2,4-Trimethylbenzene	17.03	105	5200958	8.33	ppbv		94
75) 1,3-Dichlorobenzene	17.28	146	2865431	8.07	ppbv		97
76) 1,4-Dichlorobenzene	17.41	146	2966659	8.23	ppbv		97
77) 1,2-Dichlorobenzene	18.10	146	2886276	8.13	ppbv		97
78) Hexachloro-1,3-Butadiene	23.64	225	976256	7.90	ppbv		99
79) Naphthalene	22.53	128	5442150	9.59	ppbv		98
80) Naphthalene,2-methyl-	25.19	142	2746356	13.40	ppbv		97
81) 1,2,4-Trichlorobenzene	22.26	180	2410742	9.40	ppbv		100

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

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