Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\
Data File : VL032601.D
Acq On : 11 Oct 2018 12:41
Operator : SY/AP
Sample : VL1011ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABS01

Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:27 PM

Quant Time: Oct 12 02:03:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 0
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1490415	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	3496730	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.27	117	3692420m	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2781997	9.99	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	1214181	8.808	ppbv		99
3) Chlorodifluoromethane	3.03	51	1071863	8.648	ppbv		96
4) Chloromethane	3.19	50	603507	8.351	ppbv		96
5) Vinyl Chloride	3.31	62	606464	8.305	ppbv		100
6) Bromomethane	3.53	94	381516	9.553	ppbv		97
7) Chloroethane	3.62	64	240875	9.257	ppbv		95
8) Dichlorotetrafluoroethane	3.24	85	1419111	9.422	ppbv		97
9) Propene	3.05	41	429062	7.979	ppbv		99
10) Heptane	8.28	43	1845866	9.358	ppbv		95
11) Trichlorofluoromethane	4.02	101	1614142	9.850	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.57	101	1300575	9.709	ppbv		99
13) Ethanol	3.67	45	139725	8.644	ppbv		96
14) Bromoethene	3.80	108	476480	10.024	ppbv		100
15) Acetone	3.92	43	1134096	8.669	ppbv		99
16) 1,3-Butadiene	3.38	39	514612	9.700	ppbv		96
17) tert-Butyl alcohol	4.38	59	153380	9.330	ppbv	#	100
18) 1,1-Dichloroethene	4.37	96	663278	10.573	ppbv		97
19) Isopropyl Alcohol	4.04	45	886333	9.726	ppbv		99
20) Methylene Chloride	4.43	84	614113	9.694	ppbv		98
21) Allyl Chloride	4.50	41	1136702	10.631	ppbv		98
22) trans-1,2-Dichloroethene	4.99	96	663909	11.229	ppbv		97
23) Vinyl Acetate	5.17	43	1961239	8.484	ppbv		98
24) 1,1-Dichloroethane	5.12	63	1791726	9.307	ppbv		99
25) Ethyl Acetate	5.79	43	2854019	8.991	ppbv		100
26) Hexane	5.81	57	1333459	9.300	ppbv		100
27) Carbon Disulfide	4.64	76	1549260	10.050	ppbv		99
28) Methyl tert-Butyl Ether	5.14	73	1799422	10.074	ppbv		97
29) Chloroform	5.88	83	2157163	9.805	ppbv		97
30) Cyclohexane	7.27	84	1184242	10.143	ppbv		95
31) cis-1,2-Dichloroethene	5.67	61	1310162	9.594	ppbv		97
32) 1,1,1-Trichloroethane	6.65	97	2181963	9.306	ppbv		99
34) 2-Butanone	5.35	43	1616759	7.764	ppbv		97
35) Carbon Tetrachloride	7.16	117	2248863	9.255	ppbv		97
36) Benzene	7.03	78	2865951	10.142	ppbv		99
37) 1,2-Dichloroethane	6.44	62	1722642	10.115	ppbv		98
38) Trichloroethene	7.99	130	1091938	10.095	ppbv		98
39) 1,2-Dichloropropane	7.77	63	1150619	9.035	ppbv		97
40) 1,4-Dioxane	7.99	88	425999	10.910	ppbv		62
41) Tetrahydrofuran	6.17	42	1091404	9.647	ppbv		93
42) Bromodichloromethane	7.95	83	2496849	9.786	ppbv		100
43) Methyl Methacrylate	8.17	69	1205545	10.212	ppbv		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.02	57	5072707	9.185	ppbv		99
45) t-1,3-Dichloropropene	9.45	75	1509171	10.277	ppbv		99
46) cis-1,3-Dichloropropene	8.87	75	1806062	10.486	ppbv		99
47) 1,1,2-Trichloroethane	9.65	97	1316933	9.311	ppbv		99
48) Dibromochloromethane	10.49	129	2241674	10.079	ppbv		100
49) Bromoform	13.24	173	1766291	10.394	ppbv		100
50) 4-Methyl-2-Pentanone	8.90	43	2978471	9.100	ppbv		99
51) 2-Hexanone	10.30	43	2602142	9.613	ppbv		99
52) Tetrachloroethene	11.41	164	988321	10.045	ppbv		98
53) Toluene	9.98	91	3628397	10.536	ppbv		100
54) 1,2-Dibromoethane	10.79	107	2011109	9.997	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.31	131	1611109	9.707	ppbv	#	59
57) Chlorobenzene	12.34	112	2731680	9.184	ppbv		100
58) Ethyl Benzene	12.90	91	4536396	10.128	ppbv		98
59) m/p-Xylene	13.16	91	7516563m	18.862	ppbv		
60) o-Xylene	13.88	91	3741266	9.643	ppbv		100
61) Styrene	13.72	104	2681934	10.567	ppbv		99
62) Isopropylbenzene	14.86	105	5274989	9.614	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.87	83	2855044	8.283	ppbv		99
64) n-propylbenzene	15.76	120	1376237	9.763	ppbv		97
65) tert-Butylbenzene	16.95	119	4488873	9.545	ppbv		98
66) Benzyl Chloride	17.19	91	2728795	10.067	ppbv		100
67) sec-Butylbenzene	17.49	105	6605953	9.448	ppbv		100
69) p-Isopropyltoluene	17.85	119	5279291	9.776	ppbv		100
70) n-Butylbenzene	18.75	91	5788893	9.813	ppbv		99
71) 2-Chlorotoluene	15.65	91	4176827	9.995	ppbv		100
72) 4-Ethyltoluene	16.04	105	4336114	10.297	ppbv		100
73) 1,3,5-Trimethylbenzene	16.19	105	4127490	10.085	ppbv		97
74) 1,2,4-Trimethylbenzene	16.96	105	4221061	9.579	ppbv		99
75) 1,3-Dichlorobenzene	17.20	146	2375454	8.736	ppbv		99
76) 1,4-Dichlorobenzene	17.34	146	2308415	9.272	ppbv		99
77) 1,2-Dichlorobenzene	18.02	146	2330892	9.115	ppbv		100
78) Hexachloro-1,3-Butadiene	23.57	225	821940	8.564	ppbv		99
79) Naphthalene	22.45	128	3734969	11.752	ppbv		100
80) Naphthalene,2-methyl-	25.14	142	1071212	14.356	ppbv		98
81) 1,2,4-Trichlorobenzene	22.17	180	1753294	10.763	ppbv		99

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

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