Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL053118\
Data File : VL032023.D
Acq On : 1 Jun 2018 11:33
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL053118

Manual Integrations APPROVED
MMDadoda
6/4/2018 10:55:00 AM

Quant Time: Jun 04 09:39:10 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 0
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.87	49	1466761	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.41	114	2762099	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.37	117	2752500m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.71	95	2104597	9.90	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.15	85	1226188	6.95	ppbv		97
3) Chlorodifluoromethane	3.08	51	1228596	8.90	ppbv		98
4) Chloromethane	3.24	50	639657	9.14	ppbv		99
5) Vinyl Chloride	3.37	62	665890	8.57	ppbv		99
6) Bromomethane	3.59	94	465887	8.72	ppbv		99
7) Chloroethane	3.68	64	277916	8.40	ppbv		96
8) Dichlorotetrafluoroethane	3.29	85	1613184	8.39	ppbv		99
9) Propene	3.11	41	482577	10.71	ppbv		99
10) Heptane	8.36	43	1587274	9.93	ppbv		99
11) Trichlorofluoromethane	4.09	101	1954458	7.20	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.65	101	1619197	8.69	ppbv		99
13) Ethanol	3.73	45	143387	8.14	ppbv		99
14) Bromoethene	3.87	108	557756	8.52	ppbv		97
15) Acetone	3.99	43	1383269	7.82	ppbv		99
16) 1,3-Butadiene	3.44	39	612594	9.49	ppbv		95
17) tert-Butyl alcohol	4.45	59	906360	10.68	ppbv		100
18) 1,1-Dichloroethene	4.44	96	760197	9.39	ppbv		96
19) Isopropyl Alcohol	4.11	45	987253	8.43	ppbv	#	99
20) Methylene Chloride	4.50	84	697863	8.68	ppbv		98
21) Allyl Chloride	4.57	41	1212241	9.73	ppbv		100
22) trans-1,2-Dichloroethene	5.06	96	999623	11.48	ppbv		99
23) Vinyl Acetate	5.25	43	2385105	9.96	ppbv	#	97
24) 1,1-Dichloroethane	5.19	63	2016133	8.65	ppbv		99
25) Ethyl Acetate	5.87	43	3451539	9.85	ppbv		100
26) Hexane	5.88	57	1614798	9.92	ppbv		98
27) Carbon Disulfide	4.72	76	2096997	9.83	ppbv		100
28) Methyl tert-Butyl Ether	5.21	73	2005065	9.95	ppbv		99
29) Chloroform	5.95	83	2542155	9.26	ppbv		95
30) Cyclohexane	7.36	84	1030639	10.72	ppbv		97
31) cis-1,2-Dichloroethene	5.75	61	1538490	10.50	ppbv		96
32) 1,1,1-Trichloroethane	6.73	97	2026356	9.05	ppbv		99
34) 2-Butanone	5.43	43	2250581	10.36	ppbv		99
35) Carbon Tetrachloride	7.25	117	2055237	8.72	ppbv		98
36) Benzene	7.12	78	2513423	10.36	ppbv		99
37) 1,2-Dichloroethane	6.53	62	2044117	11.67	ppbv		99
38) Trichloroethene	8.08	130	985265	10.58	ppbv		99
39) 1,2-Dichloropropane	7.86	63	890626	9.95	ppbv		95
40) 1,4-Dioxane	8.07	88	382740	9.94	ppbv		99
41) Tetrahydrofuran	6.26	42	1108372	11.88	ppbv		100
42) Bromodichloromethane	8.04	83	2070389	9.47	ppbv		99
43) Methyl Methacrylate	8.26	69	923784	10.93	ppbv		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.11	57	4051817	9.75	ppbv		99
45) t-1,3-Dichloropropene	9.54	75	1366658	11.96	ppbv		98
46) cis-1,3-Dichloropropene	8.96	75	1635820	11.27	ppbv		98
47) 1,1,2-Trichloroethane	9.74	97	1064419	9.63	ppbv		98
48) Dibromochloromethane	10.58	129	1820686	9.95	ppbv		99
49) Bromoform	13.33	173	1449218	10.09	ppbv		99
50) 4-Methyl-2-Pentanone	8.99	43	2179888	10.32	ppbv		99
51) 2-Hexanone	10.39	43	2080770	10.98	ppbv	#	99
52) Tetrachloroethene	11.50	164	959918	9.96	ppbv		97
53) Toluene	10.07	91	2984059	10.99	ppbv		99
54) 1,2-Dibromoethane	10.89	107	1648098	10.19	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.41	131	1234888	9.30	ppbv		95
57) Chlorobenzene	12.43	112	2335282	9.29	ppbv		97
58) Ethyl Benzene	12.99	91	4186385	10.82	ppbv		100
59) m/p-Xylene	13.28	91	6860681m	20.22	ppbv		
60) o-Xylene	13.98	91	3476511	10.22	ppbv		99
61) Styrene	13.82	104	853277	12.97	ppbv		99
62) Isopropylbenzene	14.95	105	4353185	10.03	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.97	83	2287998	8.68	ppbv		99
64) n-propylbenzene	15.85	120	1095457	10.11	ppbv		97
65) tert-Butylbenzene	17.04	119	3714504	9.79	ppbv		100
66) Benzyl Chloride	17.29	91	392688	9.32	ppbv		99
67) sec-Butylbenzene	17.58	105	5248554	9.54	ppbv		100
69) p-Isopropyltoluene	17.94	119	4247793	9.96	ppbv		99
70) n-Butylbenzene	18.84	91	4324686	9.85	ppbv		100
71) 2-Chlorotoluene	15.75	91	3291261	10.32	ppbv		99
72) 4-Ethyltoluene	16.13	105	3604019	10.65	ppbv		99
73) 1,3,5-Trimethylbenzene	16.28	105	3199992	10.24	ppbv		99
74) 1,2,4-Trimethylbenzene	17.05	105	3399839	9.66	ppbv		98
75) 1,3-Dichlorobenzene	17.30	146	2151720	8.90	ppbv		100
76) 1,4-Dichlorobenzene	17.44	146	2169321	9.41	ppbv		100
77) 1,2-Dichlorobenzene	18.12	146	2076549	9.07	ppbv		99
78) Hexachloro-1,3-Butadiene	23.67	225	1173692	12.93	ppbv		99
79) Naphthalene	22.56	128	2487548	12.48	ppbv		99
80) Naphthalene,2-methyl-	25.21	142	1420811	28.89	ppbv		99
81) 1,2,4-Trichlorobenzene	22.29	180	1316293	11.25	ppbv		98

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

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