Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032519\
Data File : VL033437.D
Acq On : 25 Mar 2019 12:25
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
4/1/2019 1:22:45 AM

Quant Time: Mar 26 16:02:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 1
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	756960	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1861900	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.24	117	1775316	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1416133	10.76	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	69153	0.519	ppbv		100
3) Chlorodifluoromethane	3.01	51	46352	0.534	ppbv		99
4) Chloromethane	3.17	50	24649	0.524	ppbv		97
5) Vinyl Chloride	3.29	62	23942	0.493	ppbv		91
6) Bromomethane	3.51	94	14756	0.511	ppbv		89
7) Chloroethane	3.60	64	9027	0.532	ppbv		89
8) Dichlorotetrafluoroethane	3.22	85	63119	0.557	ppbv		97
9) Propene	3.04	41	19136	0.493	ppbv		97
10) Heptane	8.25	43	46508m	0.483	ppbv		
11) Trichlorofluoromethane	4.00	101	71614	0.540	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	47536	0.541	ppbv		99
13) Ethanol	3.65	45	5178	0.280	ppbv	#	38
14) Bromoethene	3.79	108	18190	0.496	ppbv		98
15) Acetone	3.91	43	49820	0.423	ppbv		99
16) 1,3-Butadiene	3.36	39	15266	0.399	ppbv	#	79
17) tert-Butyl alcohol	4.38	59	10277m	0.621	ppbv		
18) 1,1-Dichloroethene	4.35	96	20234	0.503	ppbv		85
19) Isopropyl Alcohol	4.04	45	35476	0.634	ppbv	#	93
20) Methylene Chloride	4.41	84	22305	0.581	ppbv		95
21) Allyl Chloride	4.48	41	27788m	0.487	ppbv		
22) trans-1,2-Dichloroethene	4.96	96	20189	0.518	ppbv		99
23) Vinyl Acetate	5.15	43	58560m	0.430	ppbv		
24) 1,1-Dichloroethane	5.09	63	51040	0.519	ppbv		96
25) Ethyl Acetate	5.77	43	83741	0.490	ppbv		98
26) Hexane	5.78	57	36849	0.482	ppbv		95
27) Carbon Disulfide	4.62	76	38765	0.440	ppbv	#	93
28) Methyl tert-Butyl Ether	5.12	73	50616	0.446	ppbv		96
29) Chloroform	5.84	83	65114	0.520	ppbv		96
30) Cyclohexane	7.25	84	27442	0.448	ppbv		90
31) cis-1,2-Dichloroethene	5.64	61	34960	0.457	ppbv		92
32) 1,1,1-Trichloroethane	6.62	97	65017	0.529	ppbv		98
34) 2-Butanone	5.34	43	49745	0.407	ppbv		99
35) Carbon Tetrachloride	7.13	117	66634	0.508	ppbv		96
36) Benzene	7.00	78	72841	0.437	ppbv		97
37) 1,2-Dichloroethane	6.41	62	51800	0.492	ppbv		99
38) Trichloroethene	7.96	130	30245m	0.480	ppbv		
39) 1,2-Dichloropropane	7.73	63	29749m	0.477	ppbv		
40) 1,4-Dioxane	7.99	88	12577m	0.572	ppbv		
41) Tetrahydrofuran	6.17	42	27419m	0.420	ppbv		
42) Bromodichloromethane	7.91	83	65733	0.465	ppbv		93
43) Methyl Methacrylate	8.14	69	26289	0.405	ppbv		95

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QLast Update : Fri Mar 15 14:52:14 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	126517	0.458	ppbv		94
45) t-1,3-Dichloropropene	9.41	75	26481	0.331	ppbv		92
46) cis-1,3-Dichloropropene	8.84	75	33931m	0.360	ppbv		
47) 1,1,2-Trichloroethane	9.61	97	32599	0.473	ppbv		93
48) Dibromochloromethane	10.45	129	47147	0.408	ppbv		97
49) Bromoform	13.20	173	40154	0.366	ppbv		98
50) 4-Methyl-2-Pentanone	8.88	43	68305	0.395	ppbv		100
51) 2-Hexanone	10.29	43	48691m	0.365	ppbv		
52) Tetrachloroethene	11.37	164	26979	0.389	ppbv	#	87
53) Toluene	9.95	91	70871	0.374	ppbv		98
54) 1,2-Dibromoethane	10.76	107	49241m	0.422	ppbv		
56) 1,1,1,2-Tetrachloroethane	12.28	131	41954m	0.528	ppbv		
57) Chlorobenzene	12.29	112	71328m	0.507	ppbv		
58) Ethyl Benzene	12.86	91	105578	0.420	ppbv		98
59) m/p-Xylene	13.14	91	196358m	0.910	ppbv		
60) o-Xylene	13.85	91	95277	0.452	ppbv		98
61) Styrene	13.69	104	56564	0.384	ppbv		98
62) Isopropylbenzene	14.83	105	138468	0.473	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.83	83	77734	0.511	ppbv		99
64) n-propylbenzene	15.72	120	34852m	0.471	ppbv		
65) tert-Butylbenzene	16.91	119	117032	0.444	ppbv		95
66) Benzyl Chloride	17.16	91	39366	0.361	ppbv	#	96
67) sec-Butylbenzene	17.46	105	164098	0.439	ppbv		98
69) p-Isopropyltoluene	17.81	119	132173m	0.433	ppbv		
70) n-Butylbenzene	18.71	91	137176m	0.422	ppbv		
71) 2-Chlorotoluene	15.61	91	101257m	0.444	ppbv		
72) 4-Ethyltoluene	16.00	105	100837	0.422	ppbv		98
73) 1,3,5-Trimethylbenzene	16.16	105	97266	0.418	ppbv		96
74) 1,2,4-Trimethylbenzene	16.93	105	110273	0.447	ppbv	#	83
75) 1,3-Dichlorobenzene	17.16	146	73091m	0.503	ppbv		
76) 1,4-Dichlorobenzene	17.31	146	67690	0.481	ppbv		97
77) 1,2-Dichlorobenzene	17.99	146	67600m	0.491	ppbv		
78) Hexachloro-1,3-Butadiene	23.55	225	46599	0.564	ppbv		97
79) Naphthalene	22.42	128	71163m	0.299	ppbv		
80) Naphthalene,2-methyl-	25.12	142	14397	0.128	ppbv		91
81) 1,2,4-Trichlorobenzene	22.14	180	46660	0.385	ppbv		99

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

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