Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011619\
Data File : VL033110.D
Acq On : 17 Jan 2019 3:12
Operator : SY/AP
Sample : IDOC-3
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 17 04:08:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan 0
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : IDOC-3

Manual Integrations APPROVED
sam
1/21/2019 8:51:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1109098	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2791480	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2822633m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1996467	9.23	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	2303618	11.161	ppbv	100
3) Chlorodifluoromethane	3.01	51	1277295	10.174	ppbv	99
4) Chloromethane	3.17	50	705885	9.816	ppbv	97
5) Vinyl Chloride	3.29	62	725941	9.996	ppbv	100
6) Bromomethane	3.51	94	483751	9.805	ppbv	97
7) Chloroethane	3.60	64	280274	9.869	ppbv	94
8) Dichlorotetrafluoroethane	3.22	85	1811065	10.186	ppbv	99
9) Propene	3.04	41	538408	11.480	ppbv	100
10) Heptane	8.25	43	1389043	10.402	ppbv	99
11) Trichlorofluoromethane	4.00	101	1946950	8.536	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1334752	9.255	ppbv	100
13) Ethanol	3.65	45	94097	5.031	ppbv	95
14) Bromoethene	3.79	108	622935	9.780	ppbv	98
15) Acetone	3.90	43	1434119	9.342	ppbv	99
16) 1,3-Butadiene	3.36	39	597305	10.318	ppbv	97
17) tert-Butyl alcohol	4.35	59	285970	8.794	ppbv	100
18) 1,1-Dichloroethene	4.35	96	624297	9.398	ppbv	98
19) Isopropyl Alcohol	4.02	45	694645	6.573	ppbv	100
20) Methylene Chloride	4.41	84	538216	8.410	ppbv	95
21) Allyl Chloride	4.48	41	997092	10.481	ppbv	99
22) trans-1,2-Dichloroethene	4.96	96	632118	9.599	ppbv	92
23) Vinyl Acetate	5.16	43	2079511	10.648	ppbv	99
24) 1,1-Dichloroethane	5.09	63	1552446	9.362	ppbv	99
25) Ethyl Acetate	5.77	43	2427078	9.353	ppbv	100
26) Hexane	5.78	57	1134976	9.289	ppbv	100
27) Carbon Disulfide	4.62	76	1556362	10.328	ppbv	98
28) Methyl tert-Butyl Ether	5.11	73	1952265	10.236	ppbv	100
29) Chloroform	5.85	83	1895370	9.103	ppbv	98
30) Cyclohexane	7.25	84	980896	10.767	ppbv	99
31) cis-1,2-Dichloroethene	5.64	61	1189484	10.484	ppbv	100
32) 1,1,1-Trichloroethane	6.62	97	1990622	9.420	ppbv	100
34) 2-Butanone	5.33	43	1581470	9.751	ppbv	100
35) Carbon Tetrachloride	7.13	117	2164010	9.025	ppbv	96
36) Benzene	7.01	78	2361065	10.325	ppbv	99
37) 1,2-Dichloroethane	6.42	62	1458554	9.136	ppbv	100
38) Trichloroethene	7.96	130	948886	10.087	ppbv	96
39) 1,2-Dichloropropane	7.74	63	850610	9.902	ppbv	97
40) 1,4-Dioxane	7.95	88	284745	8.732	ppbv #	1
41) Tetrahydrofuran	6.15	42	863036	10.454	ppbv	100
42) Bromodichloromethane	7.92	83	2024177	9.229	ppbv	99
43) Methyl Methacrylate	8.14	69	919849	10.721	ppbv	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	3827094	9.883	ppbv		100
45) t-1,3-Dichloropropene	9.42	75	1231882	11.534	ppbv		100
46) cis-1,3-Dichloropropene	8.84	75	1441555	11.826	ppbv		98
47) 1,1,2-Trichloroethane	9.62	97	939276	9.359	ppbv		98
48) Dibromochloromethane	10.45	129	1738660	9.805	ppbv		99
49) Bromoform	13.20	173	1386495	8.950	ppbv		99
50) 4-Methyl-2-Pentanone	8.87	43	2163045	10.525	ppbv		100
51) 2-Hexanone	10.27	43	1624216	10.922	ppbv	#	100
52) Tetrachloroethene	11.37	164	817472	10.114	ppbv		98
53) Toluene	9.95	91	2657626	10.845	ppbv		100
54) 1,2-Dibromoethane	10.76	107	1444358	9.989	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.28	131	1200241	8.230	ppbv		97
57) Chlorobenzene	12.30	112	1994388	8.465	ppbv		97
58) Ethyl Benzene	12.86	91	3471220	9.740	ppbv		97
59) m/p-Xylene	13.12	91	5861671m	17.780	ppbv		
60) o-Xylene	13.85	91	2816933	8.728	ppbv		100
61) Styrene	13.69	104	2106184	10.227	ppbv		100
62) Isopropylbenzene	14.83	105	3959925	8.622	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.83	83	1878623	7.836	ppbv		99
64) n-propylbenzene	15.72	120	1003825	8.603	ppbv		99
65) tert-Butylbenzene	16.91	119	3504234	8.613	ppbv		100
66) Benzyl Chloride	17.15	91	2019642	8.710	ppbv		100
67) sec-Butylbenzene	17.46	105	4962853	8.524	ppbv		100
69) p-Isopropyltoluene	17.82	119	4187276	8.861	ppbv		100
70) n-Butylbenzene	18.71	91	4314789	9.083	ppbv		99
71) 2-Chlorotoluene	15.62	91	2924730	8.979	ppbv		100
72) 4-Ethyltoluene	16.00	105	3218681	9.075	ppbv		100
73) 1,3,5-Trimethylbenzene	16.16	105	3076552	8.791	ppbv		99
74) 1,2,4-Trimethylbenzene	16.93	105	3221629	8.312	ppbv		97
75) 1,3-Dichlorobenzene	17.17	146	1853667	8.125	ppbv		100
76) 1,4-Dichlorobenzene	17.31	146	1824797	8.781	ppbv		100
77) 1,2-Dichlorobenzene	17.99	146	1839478	8.953	ppbv		99
78) Hexachloro-1,3-Butadiene	23.55	225	1247348	7.905	ppbv		99
79) Naphthalene	22.41	128	3826964	11.723	ppbv		99
80) Naphthalene,2-methyl-	25.11	142	898667	9.071	ppbv		99
81) 1,2,4-Trichlorobenzene	22.14	180	1782747	11.304	ppbv		99

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

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