Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012819\
Data File : VL033121.D
Acq On : 28 Jan 2019 21:14
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
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1/29/2019 2:36:31 PM

Quant Time: Jan 28 21:52:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 2
QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1227203	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3202890	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3284653	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2426326	9.64	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	2399793	10.508	ppbv	99
3) Chlorodifluoromethane	3.01	51	1395089	10.043	ppbv	99
4) Chloromethane	3.17	50	760548	9.559	ppbv	98
5) Vinyl Chloride	3.29	62	795070	9.894	ppbv	100
6) Bromomethane	3.51	94	497316	9.110	ppbv	97
7) Chloroethane	3.60	64	292953	9.323	ppbv	98
8) Dichlorotetrafluoroethane	3.22	85	1937950	9.851	ppbv	99
9) Propene	3.03	41	599970	11.561	ppbv	98
10) Heptane	8.24	43	1474864	9.982	ppbv	99
11) Trichlorofluoromethane	4.00	101	1949577	7.725	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1352326	8.475	ppbv	99
13) Ethanol	3.65	45	155549	7.516	ppbv	96
14) Bromoethene	3.79	108	631516	8.960	ppbv	100
15) Acetone	3.90	43	1253216	7.378	ppbv	98
16) 1,3-Butadiene	3.36	39	642828	10.036	ppbv	94
17) tert-Butyl alcohol	4.36	59	325896	9.057	ppbv	99
18) 1,1-Dichloroethene	4.35	96	631741	8.595	ppbv	97
19) Isopropyl Alcohol	4.02	45	961581	8.223	ppbv	99
20) Methylene Chloride	4.41	84	541851	7.652	ppbv	98
21) Allyl Chloride	4.47	41	997279	9.474	ppbv	100
22) trans-1,2-Dichloroethene	4.96	96	638345	8.761	ppbv	96
23) Vinyl Acetate	5.15	43	2164390	10.016	ppbv	99
24) 1,1-Dichloroethane	5.09	63	1595133	8.694	ppbv	100
25) Ethyl Acetate	5.77	43	2570792	8.954	ppbv	100
26) Hexane	5.78	57	1189645	8.799	ppbv	97
27) Carbon Disulfide	4.62	76	1600307	9.598	ppbv	98
28) Methyl tert-Butyl Ether	5.11	73	2039713	9.666	ppbv	99
29) Chloroform	5.85	83	1945560	8.445	ppbv	95
30) Cyclohexane	7.25	84	1063065	10.546	ppbv	98
31) cis-1,2-Dichloroethene	5.64	61	1223847	9.749	ppbv	97
32) 1,1,1-Trichloroethane	6.62	97	1992241	8.520	ppbv	99
34) 2-Butanone	5.33	43	1644026	8.834	ppbv	99
35) Carbon Tetrachloride	7.13	117	2219550	8.068	ppbv	99
36) Benzene	7.00	78	2470788	9.417	ppbv	99
37) 1,2-Dichloroethane	6.41	62	1492866	8.150	ppbv	99
38) Trichloroethene	7.96	130	1022418	9.473	ppbv	94
39) 1,2-Dichloropropane	7.73	63	926113	9.396	ppbv	98
40) 1,4-Dioxane	7.95	88	349199	9.333	ppbv	89
41) Tetrahydrofuran	6.14	42	950436	10.034	ppbv	100
42) Bromodichloromethane	7.91	83	2142122	8.513	ppbv	98
43) Methyl Methacrylate	8.13	69	990273	10.059	ppbv	99

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QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	4112536	9.256	ppbv	99
45) t-1,3-Dichloropropene	9.42	75	1363968	11.130	ppbv	100
46) cis-1,3-Dichloropropene	8.83	75	1546095	11.054	ppbv	99
47) 1,1,2-Trichloroethane	9.61	97	1047509	9.097	ppbv	96
48) Dibromochloromethane	10.45	129	1906144	9.369	ppbv	99
49) Bromoform	13.20	173	1647731	9.270	ppbv	99
50) 4-Methyl-2-Pentanone	8.87	43	2314414	9.815	ppbv	99
51) 2-Hexanone	10.27	43	1788229	10.481	ppbv	100
52) Tetrachloroethene	11.37	164	907178	9.782	ppbv	99
53) Toluene	9.95	91	2891160	10.283	ppbv	100
54) 1,2-Dibromoethane	10.76	107	1613495	9.725	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.28	131	1350600	7.958	ppbv	98
57) Chlorobenzene	12.30	112	2251651	8.213	ppbv	97
58) Ethyl Benzene	12.86	91	3942526	9.507	ppbv	99
59) m/p-Xylene	13.15	91	6746545m	17.585	ppbv	
60) o-Xylene	13.85	91	3234723	8.613	ppbv	99
61) Styrene	13.69	104	2446986	10.211	ppbv	99
62) Isopropylbenzene	14.82	105	4677339	8.751	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.83	83	2210427	7.923	ppbv	99
64) n-propylbenzene	15.72	120	1079051	7.947	ppbv	97
65) tert-Butylbenzene	16.91	119	3673964	7.760	ppbv	99
66) Benzyl Chloride	17.16	91	2231359	8.269	ppbv	100
67) sec-Butylbenzene	17.46	105	5067983	7.480	ppbv	100
69) p-Isopropyltoluene	17.82	119	6004612	10.919	ppbv	100
70) n-Butylbenzene	18.72	91	4185852	7.572	ppbv	99
71) 2-Chlorotoluene	15.61	91	3324634m	8.771	ppbv	
72) 4-Ethyltoluene	16.00	105	3742879	9.068	ppbv	99
73) 1,3,5-Trimethylbenzene	16.16	105	3556301	8.733	ppbv	100
74) 1,2,4-Trimethylbenzene	16.93	105	3286531m	7.287	ppbv	
75) 1,3-Dichlorobenzene	17.16	146	1864159	7.022	ppbv	99
76) 1,4-Dichlorobenzene	17.31	146	1879956	7.774	ppbv	97
77) 1,2-Dichlorobenzene	17.99	146	2539300	10.621	ppbv	99
78) Hexachloro-1,3-Butadiene	23.54	225	800409	4.359	ppbv	99
79) Naphthalene	22.41	128	2738480	7.208	ppbv	99
80) Naphthalene,2-methyl-	25.11	142	1025006	8.891	ppbv	100
81) 1,2,4-Trichlorobenzene	22.14	180	1318056	7.182	ppbv	99

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

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