Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050620\
Data File : VL034961.D
Acq On : 7 May 2020 8:42
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
5/7/2020 2:32:47 PM

Quant Time: May 07 09:33:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1104340	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2655917	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2636183m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1987334	9.31	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	1253931	8.000	ppbv	97
3) Chlorodifluoromethane	2.95	51	1162843	9.223	ppbv	97
4) Chloromethane	3.11	50	671404	9.292	ppbv	94
5) Vinyl Chloride	3.22	62	635363	9.014	ppbv	98
6) Bromomethane	3.45	94	362756	8.619	ppbv	94
7) Chloroethane	3.53	64	229159	9.052	ppbv	93
8) Dichlorotetrafluoroethane	3.15	85	1387259	8.552	ppbv	97
9) Propene	2.97	41	561054	10.255	ppbv	98
10) Heptane	8.14	43	1436077	10.477	ppbv	96
11) Trichlorofluoromethane	3.93	101	1371117	8.484	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	992311	8.623	ppbv	98
13) Ethanol	3.57	45	149457	8.278	ppbv	99
14) Bromoethene	3.71	108	445120	9.360	ppbv	100
15) Acetone	3.83	43	1147381	7.859	ppbv	99
16) 1,3-Butadiene	3.29	39	607955	9.676	ppbv	96
17) tert-Butyl alcohol	4.27	59	1217515	9.373	ppbv	99
18) 1,1-Dichloroethene	4.27	96	454269	9.099	ppbv	96
19) Isopropyl Alcohol	3.94	45	887302	9.113	ppbv	100
20) Methylene Chloride	4.32	84	406991	8.421	ppbv	92
21) Allyl Chloride	4.39	41	802322	9.729	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	458882	9.279	ppbv	98
23) Vinyl Acetate	5.07	43	1893920	10.230	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1276411	8.951	ppbv	99
25) Ethyl Acetate	5.68	43	2369571	9.662	ppbv	100
26) Hexane	5.69	57	1028299	9.672	ppbv	98
27) Carbon Disulfide	4.54	76	1125748	8.984	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1574740	9.725	ppbv	98
29) Chloroform	5.75	83	1511849	8.691	ppbv	98
30) Cyclohexane	7.14	84	861850	10.505	ppbv	96
31) cis-1,2-Dichloroethene	5.55	61	1043586	10.060	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	1429272	9.098	ppbv	99
34) 2-Butanone	5.24	43	1624719	9.843	ppbv	98
35) Carbon Tetrachloride	7.03	117	1439328	8.586	ppbv	98
36) Benzene	6.91	78	2078665	9.493	ppbv	98
37) 1,2-Dichloroethane	6.32	62	1160000	8.588	ppbv	98
38) Trichloroethene	7.85	130	768752	9.062	ppbv	96
39) 1,2-Dichloropropane	7.64	63	826691	9.418	ppbv	99
40) 1,4-Dioxane	7.85	88	324360	9.091	ppbv #	1
41) Tetrahydrofuran	6.05	42	941377	10.832	ppbv	96
42) Bromodichloromethane	7.82	83	1559770	8.562	ppbv	97
43) Methyl Methacrylate	8.03	69	939429	10.160	ppbv	98

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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	3580916	9.198	ppbv		99
45) t-1,3-Dichloropropene	9.31	75	995204	10.666	ppbv		99
46) cis-1,3-Dichloropropene	8.73	75	1203497	10.505	ppbv		98
47) 1,1,2-Trichloroethane	9.51	97	834842	9.012	ppbv		98
48) Dibromochloromethane	10.34	129	1290124	9.057	ppbv		99
49) Bromoform	13.09	173	1089476	8.889	ppbv		100
50) 4-Methyl-2-Pentanone	8.76	43	2324188	9.874	ppbv		98
51) 2-Hexanone	10.16	43	1887987	10.255	ppbv	#	98
52) Tetrachloroethene	11.26	164	735262	9.443	ppbv		99
53) Toluene	9.83	91	2391311	10.302	ppbv		99
54) 1,2-Dibromoethane	10.65	107	1231399	9.053	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.16	131	985575	8.290	ppbv		98
57) Chlorobenzene	12.19	112	1739189	8.328	ppbv		98
58) Ethyl Benzene	12.75	91	3097537	9.502	ppbv		98
59) m/p-Xylene	13.03	91	5036671m	17.561	ppbv		
60) o-Xylene	13.73	91	2456172	8.678	ppbv		99
61) Styrene	13.57	104	1818756	10.155	ppbv		98
62) Isopropylbenzene	14.71	105	3656782	8.654	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.72	83	1680158	7.542	ppbv		99
64) n-propylbenzene	15.61	120	974768	8.994	ppbv		97
65) tert-Butylbenzene	16.79	119	3162237	8.629	ppbv		98
66) Benzyl Chloride	17.04	91	1145342	9.206	ppbv		99
67) sec-Butylbenzene	17.35	105	4566884	8.729	ppbv		100
69) p-Isopropyltoluene	17.70	119	3834576	9.060	ppbv		99
70) n-Butylbenzene	18.60	91	4043343	8.976	ppbv		100
71) 2-Chlorotoluene	15.50	91	2851791	8.941	ppbv		99
72) 4-Ethyltoluene	15.89	105	2924822	9.263	ppbv		100
73) 1,3,5-Trimethylbenzene	16.05	105	2763591	8.994	ppbv		99
74) 1,2,4-Trimethylbenzene	16.82	105	2823413	8.418	ppbv		98
75) 1,3-Dichlorobenzene	17.05	146	1651666	8.386	ppbv		100
76) 1,4-Dichlorobenzene	17.19	146	1685813	9.008	ppbv		99
77) 1,2-Dichlorobenzene	17.87	146	1656697	8.928	ppbv		99
78) Hexachloro-1,3-Butadiene	23.43	225	1505509	9.517	ppbv		99
79) Naphthalene	22.27	128	3418397	13.087	ppbv		98
80) Naphthalene,2-methyl-	25.02	142	1027630	16.005	ppbv		99
81) 1,2,4-Trichlorobenzene	22.00	180	1771421	11.184	ppbv		99

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

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