Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL010419\
Data File : VL033064.D
Acq On : 4 Jan 2019 11:20
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
1/8/2019 12:01:07 AM

Quant Time: Jan 04 12:01:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 0
QLast Update : Thu Jan 03 19:04:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	1385900	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	3430157	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2775062	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2238700	10.82	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	151671	0.491	ppbv		95
3) Chlorodifluoromethane	3.02	51	82442	0.489	ppbv		99
4) Chloromethane	3.17	50	53388	0.545	ppbv		90
5) Vinyl Chloride	3.29	62	42386	0.407	ppbv		97
6) Bromomethane	3.52	94	36935	0.583	ppbv		100
7) Chloroethane	3.61	64	21704	0.607	ppbv		91
8) Dichlorotetrafluoroethane	3.22	85	120716	0.490	ppbv		97
9) Propene	3.04	41	27339	0.418	ppbv		99
10) Heptane	8.25	43	79012	0.472	ppbv		98
11) Trichlorofluoromethane	4.00	101	163884	0.603	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	112888	0.614	ppbv		96
13) Ethanol	3.66	45	18063	0.708	ppbv		94
14) Bromoethene	3.79	108	46904	0.599	ppbv		99
15) Acetone	3.92	43	109097	0.602	ppbv		96
16) 1,3-Butadiene	3.37	39	38197	0.484	ppbv		93
17) tert-Butyl alcohol	4.38	59	24359m	0.602	ppbv		
18) 1,1-Dichloroethene	4.36	96	51823	0.629	ppbv		86
19) Isopropyl Alcohol	4.04	45	76529	0.632	ppbv	#	94
20) Methylene Chloride	4.41	84	54277	0.677	ppbv		93
21) Allyl Chloride	4.48	41	66209	0.537	ppbv		88
22) trans-1,2-Dichloroethene	4.97	96	45500	0.566	ppbv		89
23) Vinyl Acetate	5.16	43	115533	0.461	ppbv	#	94
24) 1,1-Dichloroethane	5.09	63	116462	0.560	ppbv		99
25) Ethyl Acetate	5.78	43	177805	0.548	ppbv		99
26) Hexane	5.78	57	80973	0.526	ppbv		92
27) Carbon Disulfide	4.62	76	102853	0.535	ppbv	#	78
28) Methyl tert-Butyl Ether	5.13	73	120937	0.502	ppbv		100
29) Chloroform	5.84	83	144871	0.568	ppbv		93
30) Cyclohexane	7.25	84	50148	0.434	ppbv	#	29
31) cis-1,2-Dichloroethene	5.64	61	67824	0.476	ppbv		93
32) 1,1,1-Trichloroethane	6.62	97	145336	0.540	ppbv		99
34) 2-Butanone	5.34	43	100975	0.504	ppbv		99
35) Carbon Tetrachloride	7.13	117	154496	0.522	ppbv		93
36) Benzene	7.00	78	135490	0.480	ppbv		100
37) 1,2-Dichloroethane	6.42	62	106479	0.555	ppbv		99
38) Trichloroethene	7.96	130	57705	0.490	ppbv		89
39) 1,2-Dichloropropane	7.73	63	53437	0.505	ppbv		93
40) 1,4-Dioxane	7.99	88	20517m	0.511	ppbv		
41) Tetrahydrofuran	6.17	42	45357m	0.444	ppbv		
42) Bromodichloromethane	7.91	83	142519	0.516	ppbv		95
43) Methyl Methacrylate	8.15	69	43802m	0.416	ppbv		

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Quant Time: Jan 04 12:01:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 0
QLast Update : Thu Jan 03 19:04:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	222160	0.445 ppbv	#	90
45) t-1,3-Dichloropropene	9.42	75	46234	0.318 ppbv		90
46) cis-1,3-Dichloropropene	8.83	75	60182m	0.381 ppbv		
47) 1,1,2-Trichloroethane	9.61	97	65584m	0.513 ppbv		
48) Dibromochloromethane	10.45	129	92013	0.434 ppbv		98
49) Bromoform	13.20	173	87121m	0.446 ppbv		
50) 4-Methyl-2-Pentanone	8.89	43	117291	0.436 ppbv		96
51) 2-Hexanone	10.30	43	59383m	0.326 ppbv		
52) Tetrachloroethene	11.38	164	47692m	0.467 ppbv		
53) Toluene	9.95	91	116689	0.402 ppbv		99
54) 1,2-Dibromoethane	10.76	107	70833	0.381 ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.28	131	80439	0.573 ppbv	#	1
57) Chlorobenzene	12.30	112	125655	0.558 ppbv	#	96
58) Ethyl Benzene	12.87	91	142842m	0.418 ppbv		
59) m/p-Xylene	13.15	91	306540m	0.967 ppbv		
60) o-Xylene	13.85	91	152684	0.493 ppbv		95
61) Styrene	13.69	104	70077	0.351 ppbv		96
62) Isopropylbenzene	14.83	105	220782	0.499 ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.84	83	138772	0.572 ppbv		100
64) n-propylbenzene	15.73	120	55663m	0.510 ppbv		
65) tert-Butylbenzene	16.91	119	191725	0.487 ppbv		91
66) Benzyl Chloride	17.16	91	107953m	0.487 ppbv		
67) sec-Butylbenzene	17.46	105	283432	0.510 ppbv		98
69) p-Isopropyltoluene	17.82	119	217897	0.485 ppbv		96
70) n-Butylbenzene	18.72	91	204838	0.447 ppbv		97
71) 2-Chlorotoluene	15.62	91	139808	0.446 ppbv		100
72) 4-Ethyltoluene	16.00	105	149446	0.433 ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.16	105	158530	0.470 ppbv		96
74) 1,2,4-Trimethylbenzene	16.93	105	198968	0.537 ppbv		94
75) 1,3-Dichlorobenzene	17.17	146	127435	0.588 ppbv		98
76) 1,4-Dichlorobenzene	17.31	146	101227	0.513 ppbv		95
77) 1,2-Dichlorobenzene	17.99	146	103342	0.521 ppbv		98
78) Hexachloro-1,3-Butadiene	23.55	225	85921	0.616 ppbv		99
79) Naphthalene	22.42	128	120683m	0.359 ppbv		
80) Naphthalene,2-methyl-	25.12	142	17228	0.185 ppbv		97
81) 1,2,4-Trichlorobenzene	22.14	180	64356m	0.420 ppbv		

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

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