Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
Data File : VL033296.D
Acq On : 12 Mar 2019 23:36
Operator : SY/AP
Sample : VL0312ABS02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 09:31:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 1
QLast Update : Wed Mar 13 07:17:55 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VL0312ABS02

Manual Integrations APPROVED
MMDadoda
3/14/2019 5:06:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	826152	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1885465	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2018075m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1552553	9.96	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	1550958	9.296	ppbv	99
3) Chlorodifluoromethane	3.01	51	942119	8.597	ppbv	99
4) Chloromethane	3.17	50	507560	8.663	ppbv	97
5) Vinyl Chloride	3.29	62	492052	8.600	ppbv	99
6) Bromomethane	3.51	94	314550	9.000	ppbv	94
7) Chloroethane	3.60	64	190781	9.221	ppbv	99
8) Dichlorotetrafluoroethane	3.22	85	1238439	8.780	ppbv	98
9) Propene	3.04	41	422427	8.456	ppbv	99
10) Heptane	8.25	43	1067220	9.484	ppbv	99
11) Trichlorofluoromethane	4.00	101	1360851	8.240	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	924843	9.785	ppbv	100
13) Ethanol	3.65	45	86667	5.686	ppbv	96
14) Bromoethene	3.79	108	387634	8.794	ppbv	100
15) Acetone	3.90	43	966660	7.628	ppbv	100
16) 1,3-Butadiene	3.36	39	421260	9.206	ppbv	97
17) tert-Butyl alcohol	4.36	59	148642	8.740	ppbv	98
18) 1,1-Dichloroethene	4.35	96	405833	9.700	ppbv	91
19) Isopropyl Alcohol	4.02	45	520761	6.799	ppbv	100
20) Methylene Chloride	4.41	84	355857	8.446	ppbv	96
21) Allyl Chloride	4.48	41	633086	10.049	ppbv	99
22) trans-1,2-Dichloroethene	4.96	96	422419	9.468	ppbv	94
23) Vinyl Acetate	5.16	43	1517651	9.558	ppbv	98
24) 1,1-Dichloroethane	5.09	63	1048071	9.101	ppbv	100
25) Ethyl Acetate	5.77	43	1765000	9.038	ppbv	99
26) Hexane	5.78	57	795159	8.675	ppbv	99
27) Carbon Disulfide	4.62	76	1026244	10.552	ppbv	99
28) Methyl tert-Butyl Ether	5.11	73	1152998	8.863	ppbv	100
29) Chloroform	5.85	83	1300985	9.329	ppbv	100
30) Cyclohexane	7.25	84	671449	9.448	ppbv	99
31) cis-1,2-Dichloroethene	5.64	61	820458	9.337	ppbv	99
32) 1,1,1-Trichloroethane	6.62	97	1245360	9.165	ppbv	99
34) 2-Butanone	5.33	43	1178977	9.456	ppbv	99
35) Carbon Tetrachloride	7.14	117	1360992	9.879	ppbv	99
36) Benzene	7.01	78	1655245	9.519	ppbv	99
37) 1,2-Dichloroethane	6.41	62	1001757	9.605	ppbv	100
38) Trichloroethene	7.96	130	630054	9.295	ppbv	99
39) 1,2-Dichloropropane	7.74	63	630387	9.634	ppbv	98
40) 1,4-Dioxane	7.95	88	218396m	8.868	ppbv	
41) Tetrahydrofuran	6.15	42	669158	9.667	ppbv	100
42) Bromodichloromethane	7.92	83	1465386	10.206	ppbv	99
43) Methyl Methacrylate	8.14	69	683940	10.091	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 1
QLast Update : Wed Mar 13 07:17:55 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	2801320	9.484	ppbv		100
45) t-1,3-Dichloropropene	9.42	75	887175	10.648	ppbv		99
46) cis-1,3-Dichloropropene	8.84	75	1023159	10.477	ppbv		98
47) 1,1,2-Trichloroethane	9.61	97	675964	9.674	ppbv		99
48) Dibromochloromethane	10.45	129	1221443	10.661	ppbv		99
49) Bromoform	13.21	173	1060102	11.416	ppbv		100
50) 4-Methyl-2-Pentanone	8.87	43	1733871	9.744	ppbv		99
51) 2-Hexanone	10.27	43	1380712	10.165	ppbv	#	99
52) Tetrachloroethene	11.37	164	623071	9.775	ppbv		98
53) Toluene	9.95	91	1962805	9.793	ppbv		99
54) 1,2-Dibromoethane	10.76	107	1092258	10.170	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.28	131	835104	9.735	ppbv	#	60
57) Chlorobenzene	12.30	112	1436565	9.439	ppbv		99
58) Ethyl Benzene	12.87	91	2712631	9.781	ppbv		97
59) m/p-Xylene	13.15	91	4582189m	19.758	ppbv		
60) o-Xylene	13.85	91	2235562	10.027	ppbv		100
61) Styrene	13.69	104	1656945	10.434	ppbv		100
62) Isopropylbenzene	14.83	105	3108268	10.005	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.84	83	1510680	10.107	ppbv		99
64) n-propylbenzene	15.73	120	814137	10.650	ppbv		98
65) tert-Butylbenzene	16.91	119	2790200	10.640	ppbv		99
66) Benzyl Chloride	17.16	91	1315759	12.954	ppbv		99
67) sec-Butylbenzene	17.46	105	3949247	10.581	ppbv		100
69) p-Isopropyltoluene	17.82	119	3216934	10.669	ppbv		99
70) n-Butylbenzene	18.72	91	3434826	10.609	ppbv		100
71) 2-Chlorotoluene	15.62	91	2481051	10.594	ppbv		99
72) 4-Ethyltoluene	16.00	105	2632826	10.932	ppbv		100
73) 1,3,5-Trimethylbenzene	16.16	105	2502570	11.027	ppbv		100
74) 1,2,4-Trimethylbenzene	16.93	105	2557479	11.065	ppbv		95
75) 1,3-Dichlorobenzene	17.17	146	1463564	10.565	ppbv		100
76) 1,4-Dichlorobenzene	17.31	146	1467841	10.715	ppbv		99
77) 1,2-Dichlorobenzene	17.99	146	1407984	10.210	ppbv		100
78) Hexachloro-1,3-Butadiene	23.55	225	805013	7.007	ppbv		100
79) Naphthalene	22.42	128	2735329	10.932	ppbv		99
80) Naphthalene,2-methyl-	25.12	142	1490073	21.735	ppbv		100
81) 1,2,4-Trichlorobenzene	22.14	180	1305024	9.907	ppbv		100

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

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