Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012821\
Data File : VL036274.D
Acq On : 28 Jan 2021 16:06
Operator : SY/AP
Sample : VL0128ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 31 17:08:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 14
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VL0128ABS01

Manual Integrations APPROVED
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2/1/2021 1:52:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1579675	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3562231	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3228845m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2909353	10.89	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	2092229	9.881	ppbv		98
3) Chlorodifluoromethane	2.98	51	1758494	9.064	ppbv		98
4) Chloromethane	3.13	50	853754	8.904	ppbv		97
5) Vinyl Chloride	3.25	62	833961	9.191	ppbv		100
6) Bromomethane	3.47	94	461766	9.103	ppbv		93
7) Chloroethane	3.55	64	285831	9.148	ppbv		100
8) Dichlorotetrafluoroethane	3.18	85	1939343	9.453	ppbv		99
9) Propene	3.00	41	788392	8.534	ppbv		98
10) Heptane	8.12	43	2037273	8.884	ppbv		99
11) Trichlorofluoromethane	3.94	101	2027139	9.417	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1278603	9.797	ppbv		97
13) Ethanol	3.60	45	106675m	7.353	ppbv		
14) Bromoethene	3.74	108	561675	9.451	ppbv		97
15) Acetone	3.84	43	1525652	7.886	ppbv		99
16) 1,3-Butadiene	3.32	39	828103	8.786	ppbv		98
17) tert-Butyl alcohol	4.29	59	1398153	8.758	ppbv		99
18) 1,1-Dichloroethene	4.28	96	546399	9.030	ppbv		94
19) Isopropyl Alcohol	3.96	45	938569	8.047	ppbv		99
20) Methylene Chloride	4.34	84	479287	7.762	ppbv		99
21) Allyl Chloride	4.40	41	1014197	9.631	ppbv		99
22) trans-1,2-Dichloroethene	4.88	96	523782	9.369	ppbv		98
23) Vinyl Acetate	5.07	43	2110011	9.001	ppbv	#	99
24) 1,1-Dichloroethane	5.01	63	1548148	9.117	ppbv		98
25) Ethyl Acetate	5.67	43	3407479	8.773	ppbv		100
26) Hexane	5.68	57	1375219	8.504	ppbv		98
27) Carbon Disulfide	4.55	76	1407898	10.888	ppbv		99
28) Methyl tert-Butyl Ether	5.03	73	1900597	8.691	ppbv		97
29) Chloroform	5.75	83	2141638	9.249	ppbv		97
30) Cyclohexane	7.12	84	1157240	9.365	ppbv		99
31) cis-1,2-Dichloroethene	5.55	61	1420348	9.189	ppbv		94
32) 1,1,1-Trichloroethane	6.51	97	2155569	9.625	ppbv		100
34) 2-Butanone	5.24	43	2129259	8.117	ppbv		97
35) Carbon Tetrachloride	7.01	117	2198921	9.770	ppbv		99
36) Benzene	6.89	78	2880398	8.825	ppbv		98
37) 1,2-Dichloroethane	6.30	62	1780458	9.065	ppbv		99
38) Trichloroethene	7.83	130	945193	7.819	ppbv		92
39) 1,2-Dichloropropane	7.61	63	1158646	8.743	ppbv		96
40) 1,4-Dioxane	7.83	88	347432	7.247	ppbv	#	1
41) Tetrahydrofuran	6.05	42	1302260	8.590	ppbv		97
42) Bromodichloromethane	7.79	83	2400567	9.724	ppbv		98
43) Methyl Methacrylate	8.01	69	1281370	9.238	ppbv		97

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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 1
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4947510	8.253	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	1370913	10.405	ppbv		99
46) cis-1,3-Dichloropropene	8.70	75	1690512	9.985	ppbv		99
47) 1,1,2-Trichloroethane	9.47	97	1141273	9.002	ppbv		96
48) Dibromochloromethane	10.30	129	1855220	10.002	ppbv		99
49) Bromoform	13.04	173	1466135	9.470	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	3362957	8.598	ppbv		100
51) 2-Hexanone	10.13	43	2684571	8.700	ppbv		99
52) Tetrachloroethene	11.22	164	917258	7.626	ppbv		98
53) Toluene	9.80	91	3194422	8.749	ppbv		100
54) 1,2-Dibromoethane	10.61	107	1658459	8.825	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1338381	9.288	ppbv	#	55
57) Chlorobenzene	12.15	112	2236141	8.827	ppbv		98
58) Ethyl Benzene	12.71	91	4264708	8.901	ppbv		99
59) m/p-Xylene	13.00	91	7194858m	17.476	ppbv		
60) o-Xylene	13.69	91	3338369	8.412	ppbv		99
61) Styrene	13.53	104	2323721	9.273	ppbv		99
62) Isopropylbenzene	14.67	105	4958708	8.404	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2257692	7.641	ppbv		99
64) n-propylbenzene	15.56	120	1239723	8.551	ppbv		99
65) tert-Butylbenzene	16.75	119	4032447	8.065	ppbv		100
66) Benzyl Chloride	16.99	91	1285802	10.066	ppbv		99
67) sec-Butylbenzene	17.30	105	5742473	7.737	ppbv		100
69) p-Isopropyltoluene	17.65	119	4636938	7.878	ppbv		99
70) n-Butylbenzene	18.55	91	4814136	7.676	ppbv		99
71) 2-Chlorotoluene	15.45	91	3816076	8.228	ppbv		100
72) 4-Ethyltoluene	15.84	105	3777333	8.435	ppbv		98
73) 1,3,5-Trimethylbenzene	16.00	105	3487787	8.170	ppbv		100
74) 1,2,4-Trimethylbenzene	16.77	105	3455699	7.891	ppbv		96
75) 1,3-Dichlorobenzene	17.00	146	1798792	7.659	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	1761069	7.590	ppbv		100
77) 1,2-Dichlorobenzene	17.82	146	1698999	7.406	ppbv		100
78) Hexachloro-1,3-Butadiene	23.38	225	1346542	7.339	ppbv		98
79) Naphthalene	22.20	128	2585095	10.099	ppbv		99
80) Naphthalene,2-methyl-	24.98	142	881427	16.138	ppbv		97
81) 1,2,4-Trichlorobenzene	21.93	180	1352570	9.051	ppbv		97

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

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