Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
Data File : VL036245.D
Acq On : 20 Jan 2021 13:14
Operator : SY/AP
Sample : VL0120ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0120ABS01

Manual Integrations APPROVED
MMDadoda
1/21/2021 10:35:57 AM

Quant Time: Jan 21 01:34:14 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.671	49	1504203	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.185	114	3331621	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.101	117	3153342m	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.433	95	2678867	10.26	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.050	85	1616312	8.02	ppbv		99
3) Chlorodifluoromethane	2.989	51	1790680	9.69	ppbv		97
4) Chloromethane	3.140	50	860802	9.43	ppbv		95
5) Vinyl Chloride	3.259	62	831885	9.63	ppbv		98
6) Bromomethane	3.475	94	469036	9.71	ppbv		97
7) Chloroethane	3.562	64	291453	9.80	ppbv		100
8) Dichlorotetrafluoroethane	3.189	85	1792917	9.18	ppbv		100
9) Propene	3.009	41	776354	8.83	ppbv		100
10) Heptane	8.131	43	2032053	9.31	ppbv		98
11) Trichlorofluoromethane	3.951	101	1968961	9.61	ppbv		98
12) 1,1,2-Trichlorotrifluo...	4.488	101	1249904	10.06	ppbv		97
13) Ethanol	3.607	45	150739m	10.91	ppbv		
14) Bromoethene	3.742	108	522416	9.23	ppbv		99
15) Acetone	3.854	43	1626944	8.83	ppbv		98
16) 1,3-Butadiene	3.330	39	832104	9.27	ppbv		98
17) tert-Butyl alcohol	4.298	59	1538824	10.12	ppbv		99
18) 1,1-Dichloroethene	4.292	96	563598	9.78	ppbv		90
19) Isopropyl Alcohol	3.973	45	1171009	10.54	ppbv	#	98
20) Methylene Chloride	4.349	84	491952	8.37	ppbv		96
21) Allyl Chloride	4.417	41	953065	9.50	ppbv		93
22) trans-1,2-Dichloroethene	4.893	96	530389	9.96	ppbv		98
23) Vinyl Acetate	5.079	43	2298549	10.30	ppbv		99
24) 1,1-Dichloroethane	5.018	63	1587605	9.82	ppbv		99
25) Ethyl Acetate	5.684	43	3439356	9.30	ppbv		99
26) Hexane	5.693	57	1388965	9.02	ppbv		99
27) Carbon Disulfide	4.555	76	1380858	11.21	ppbv		99
28) Methyl tert-Butyl Ether	5.041	73	1944008	9.34	ppbv		98
29) Chloroform	5.761	83	2158869	9.79	ppbv		93
30) Cyclohexane	7.140	84	1166257	9.91	ppbv		98
31) cis-1,2-Dichloroethene	5.555	61	1453903	9.88	ppbv		95
32) 1,1,1-Trichloroethane	6.520	97	2170294	10.18	ppbv		100
34) 2-Butanone	5.250	43	2207469	9.00	ppbv		99
35) Carbon Tetrachloride	7.028	117	2173553	10.33	ppbv		98
36) Benzene	6.899	78	2905503	9.52	ppbv		97
37) 1,2-Dichloroethane	6.314	62	1840194	10.02	ppbv		100
38) Trichloroethene	7.848	130	975007	8.62	ppbv		95
39) 1,2-Dichloropropane	7.623	63	1177908	9.50	ppbv		99
40) 1,4-Dioxane	7.844	88	391403	8.73	ppbv	#	93
41) Tetrahydrofuran	6.053	42	1328404	9.37	ppbv		97
42) Bromodichloromethane	7.799	83	2370310	10.27	ppbv		97
43) Methyl Methacrylate	8.021	69	1283010	9.89	ppbv		99
44) 2,2,4-Trimethylpentane	7.880	57	4987204	8.89	ppbv		99
45) t-1,3-Dichloropropene	9.291	75	1402035	11.38	ppbv		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	8.713	75	1713009	10.82	ppbv		98
47)	1,1,2-Trichloroethane	9.487	97	1133927	9.56	ppbv		95
48)	Dibromochloromethane	10.317	129	1835320	10.58	ppbv		98
49)	Bromoform	13.056	173	1537087	10.62	ppbv		99
50)	4-Methyl-2-Pentanone	8.748	43	3399056	9.29	ppbv		99
51)	2-Hexanone	10.143	43	2831903	9.81	ppbv	#	99
52)	Tetrachloroethene	11.237	164	926542	8.24	ppbv		99
53)	Toluene	9.815	91	3207581	9.39	ppbv		99
54)	1,2-Dibromoethane	10.626	107	1698996	9.67	ppbv		94
56)	1,1,1,2-Tetrachloroethane	12.140	131	1356732	9.64	ppbv		94
57)	Chlorobenzene	12.163	112	2241008	9.06	ppbv		99
58)	Ethyl Benzene	12.722	91	4394773	9.39	ppbv		98
59)	m/p-Xylene	13.011	91	7349907m	18.28	ppbv		
60)	o-Xylene	13.706	91	3424700	8.84	ppbv		99
61)	Styrene	13.542	104	2447811	10.00	ppbv		100
62)	Isopropylbenzene	14.680	105	5165983	8.97	ppbv		100
63)	1,1,2,2-Tetrachloroethane	13.693	83	2425299	8.40	ppbv		100
64)	n-propylbenzene	15.577	120	1317214	9.30	ppbv		99
65)	tert-Butylbenzene	16.760	119	4325285	8.86	ppbv		100
66)	Benzyl Chloride	17.005	91	1595544	12.79	ppbv		100
67)	sec-Butylbenzene	17.310	105	6254828	8.63	ppbv		100
69)	p-Isopropyltoluene	17.667	119	5113225	8.89	ppbv		100
70)	n-Butylbenzene	18.564	91	5540073	9.04	ppbv		100
71)	2-Chlorotoluene	15.468	91	4087117	9.02	ppbv		99
72)	4-Ethyltoluene	15.851	105	3985936	9.11	ppbv		99
73)	1,3,5-Trimethylbenzene	16.015	105	3781922	9.07	ppbv		97
74)	1,2,4-Trimethylbenzene	16.780	105	3810221	8.91	ppbv		99
75)	1,3-Dichlorobenzene	17.014	146	2048529	8.93	ppbv		99
76)	1,4-Dichlorobenzene	17.153	146	2056907	9.08	ppbv		99
77)	1,2-Dichlorobenzene	17.834	146	2037221	9.09	ppbv		99
78)	Hexachloro-1,3-Butadiene	23.390	225	1479897	8.26	ppbv		99
79)	Naphthalene	22.214	128	2901670	11.61	ppbv		99
80)	Naphthalene,2-methyl-	24.985	142	1117337	20.95	ppbv		95
81)	1,2,4-Trichlorobenzene	21.944	180	1483439	10.16	ppbv		99

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

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