Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031921\
Data File : VL036450.D
Acq On : 19 Mar 2021 16:25
Operator :
Sample : VL0319ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0319ABS01

Manual Integrations APPROVED
MMDadoda
3/24/2021 6:14:41 PM

Quant Time: Mar 20 00:50:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1655498	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	3997573	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.07	117	3682969m	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	3175818	10.49	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	2154986	9.419	ppbv		98
3) Chlorodifluoromethane	2.98	51	1788913	9.136	ppbv		100
4) Chloromethane	3.13	50	869812	9.348	ppbv		99
5) Vinyl Chloride	3.25	62	860855	9.798	ppbv		100
6) Bromomethane	3.46	94	492945	9.050	ppbv		98
7) Chloroethane	3.54	64	303049	9.157	ppbv		97
8) Dichlorotetrafluoroethane	3.18	85	2084924	9.277	ppbv		99
9) Propene	3.00	41	824260	9.660	ppbv		97
10) Heptane	8.10	43	2077956	9.878	ppbv		99
11) Trichlorofluoromethane	3.93	101	2196540	9.297	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1392426	9.241	ppbv		97
13) Ethanol	3.60	45	159332m	12.170	ppbv		
14) Bromoethene	3.73	108	590617	9.441	ppbv		98
15) Acetone	3.83	43	1617888	8.552	ppbv		99
16) 1,3-Butadiene	3.31	39	835822	9.160	ppbv		100
17) tert-Butyl alcohol	4.28	59	1594109	10.626	ppbv		100
18) 1,1-Dichloroethene	4.27	96	624599	9.320	ppbv		93
19) Isopropyl Alcohol	3.96	45	1045224	9.831	ppbv	#	98
20) Methylene Chloride	4.33	84	534877	8.387	ppbv		94
21) Allyl Chloride	4.40	41	1022066	9.581	ppbv		98
22) trans-1,2-Dichloroethene	4.87	96	576851	9.506	ppbv		98
23) Vinyl Acetate	5.06	43	2116979	9.887	ppbv		99
24) 1,1-Dichloroethane	5.00	63	1620762	9.591	ppbv		99
25) Ethyl Acetate	5.66	43	3512600	9.549	ppbv		99
26) Hexane	5.67	57	1421335	9.443	ppbv		99
27) Carbon Disulfide	4.54	76	1555982	10.416	ppbv		99
28) Methyl tert-Butyl Ether	5.02	73	1926007	9.549	ppbv		99
29) Chloroform	5.74	83	2312960	9.393	ppbv		99
30) Cyclohexane	7.11	84	1209503	9.725	ppbv		100
31) cis-1,2-Dichloroethene	5.54	61	1448672	9.964	ppbv		97
32) 1,1,1-Trichloroethane	6.49	97	2275373	9.196	ppbv		98
34) 2-Butanone	5.23	43	2202871	9.142	ppbv		100
35) Carbon Tetrachloride	7.00	117	2355771	9.120	ppbv		97
36) Benzene	6.88	78	2958202	9.537	ppbv		100
37) 1,2-Dichloroethane	6.29	62	1797553	9.222	ppbv		100
38) Trichloroethene	7.82	130	1043536	8.902	ppbv		97
39) 1,2-Dichloropropane	7.60	63	1186630	8.996	ppbv		98
40) 1,4-Dioxane	7.82	88	377067	8.709	ppbv	#	1
41) Tetrahydrofuran	6.03	42	1296840	9.650	ppbv		99
42) Bromodichloromethane	7.78	83	2526026	9.590	ppbv		98
43) Methyl Methacrylate	8.00	69	1309371	10.423	ppbv		99

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QLast Update : Wed Mar 03 14:18:24 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5099513	9.016	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	1364100	11.157	ppbv		100
46) cis-1,3-Dichloropropene	8.69	75	1678720	10.517	ppbv		99
47) 1,1,2-Trichloroethane	9.46	97	1180262	8.976	ppbv		97
48) Dibromochloromethane	10.29	129	1955838	9.823	ppbv		100
49) Bromoform	13.03	173	1551968	9.528	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	3398144	9.687	ppbv		100
51) 2-Hexanone	10.12	43	2770987	10.449	ppbv	#	98
52) Tetrachloroethene	11.21	164	991655	8.525	ppbv		97
53) Toluene	9.79	91	3326238	9.957	ppbv		100
54) 1,2-Dibromoethane	10.59	107	1734557	9.138	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1480829	9.073	ppbv		98
57) Chlorobenzene	12.13	112	2369479	8.907	ppbv		96
58) Ethyl Benzene	12.69	91	4397749	9.610	ppbv		99
59) m/p-Xylene	12.98	91	7534937m	18.623	ppbv		
60) o-Xylene	13.67	91	3523123	9.064	ppbv		99
61) Styrene	13.51	104	2463256	10.421	ppbv		99
62) Isopropylbenzene	14.65	105	5211370	8.892	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2376589	7.821	ppbv		99
64) n-propylbenzene	15.55	120	1340301	9.156	ppbv		97
65) tert-Butylbenzene	16.73	119	4411743	8.653	ppbv		100
66) Benzyl Chloride	16.97	91	1434701	10.079	ppbv		100
67) sec-Butylbenzene	17.28	105	6206062	8.716	ppbv		99
69) p-Isopropyltoluene	17.64	119	5131113	9.006	ppbv		99
70) n-Butylbenzene	18.54	91	5332955	9.055	ppbv		99
71) 2-Chlorotoluene	15.44	91	3948580	8.957	ppbv		100
72) 4-Ethyltoluene	15.82	105	3969663	9.403	ppbv		99
73) 1,3,5-Trimethylbenzene	15.98	105	3751588	9.160	ppbv		100
74) 1,2,4-Trimethylbenzene	16.75	105	3788168	8.711	ppbv		99
75) 1,3-Dichlorobenzene	16.98	146	2061840	8.538	ppbv		100
76) 1,4-Dichlorobenzene	17.12	146	2008216	8.322	ppbv		99
77) 1,2-Dichlorobenzene	17.80	146	2012189	8.510	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	1811790	9.629	ppbv		99
79) Naphthalene	22.18	128	3536116	13.882	ppbv		98
80) Naphthalene,2-methyl-	24.96	142	993416	18.037	ppbv		98
81) 1,2,4-Trichlorobenzene	21.91	180	1841969m	12.580	ppbv		

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

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