Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040821\
Data File : VL036759.D
Acq On : 8 Apr 2021 20:36
Operator : SY/AP
Sample : M1981-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-3

Manual Integrations APPROVED
MMDadoda
4/12/2021 11:47:25 AM

Quant Time: Apr 10 21:29:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1258377	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3254482	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2561647	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2987979	14.64	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 146.40%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	31497	0.153	ppbv		94
3) Chlorodifluoromethane	2.98	51	111023	0.472	ppbv	#	76
4) Chloromethane	3.13	50	39450	0.475	ppbv	#	88
5) Vinyl Chloride	3.25	62	1130969	13.245	ppbv		99
9) Propene	3.00	41	1900261	25.353	ppbv		92
10) Heptane	8.12	43	1121148	5.872	ppbv		100
11) Trichlorofluoromethane	3.94	101	34908	0.167	ppbv		98
13) Ethanol	3.61	45	758302	84.958	ppbv		91
15) Acetone	3.84	43	5945352	48.003	ppbv		98
19) Isopropyl Alcohol	3.98	45	289522	4.249	ppbv	#	1
20) Methylene Chloride	4.34	84	2602548	44.880	ppbv		91
22) trans-1,2-Dichloroethene	4.88	96	335142	6.077	ppbv		95
24) 1,1-Dichloroethane	5.01	63	30347m	0.197	ppbv		
26) Hexane	5.68	57	3193075	23.368	ppbv	#	47
27) Carbon Disulfide	4.54	76	940640	6.988	ppbv		98
30) Cyclohexane	7.13	84	406798	3.671	ppbv		86
31) cis-1,2-Dichloroethene	5.55	61	4213577	31.881	ppbv		96
32) 1,1,1-Trichloroethane	6.51	97	23524m	0.107	ppbv		
34) 2-Butanone	5.24	43	679390	4.277	ppbv		98
35) Carbon Tetrachloride	7.01	117	18910m	0.076	ppbv		
36) Benzene	6.89	78	2562273	8.537	ppbv		99
38) Trichloroethene	7.83	130	4599733	39.378	ppbv		96
44) 2,2,4-Trimethylpentane	7.87	57	7913088	14.979	ppbv	#	80
52) Tetrachloroethene	11.23	164	52420m	0.474	ppbv		
53) Toluene	9.80	91	1740611	5.446	ppbv		99
58) Ethyl Benzene	12.72	91	2310206	6.199	ppbv		98
59) m/p-Xylene	12.98	91	3273504	10.070	ppbv		97
60) o-Xylene	13.70	91	2853914	9.080	ppbv		99
61) Styrene	13.54	104	55894	0.353	ppbv	#	61
62) Isopropylbenzene	14.67	105	658171	1.555	ppbv		100
64) n-propylbenzene	15.58	120	124890	1.207	ppbv	#	55
67) sec-Butylbenzene	17.32	105	486942	0.940	ppbv		100
69) p-Isopropyltoluene	17.67	119	698842	1.727	ppbv		96
70) n-Butylbenzene	18.58	91	589608m	1.406	ppbv		
72) 4-Ethyltoluene	15.85	105	954972m	2.773	ppbv		
73) 1,3,5-Trimethylbenzene	16.02	105	1505982	4.685	ppbv		99
74) 1,2,4-Trimethylbenzene	16.78	105	1971728	5.732	ppbv	#	71
79) Naphthalene	22.20	128	169073	0.842	ppbv	#	94

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

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