Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033121\
Data File : VL036605.D
Acq On : 31 Mar 2021 17:10
Operator : SY/AP
Sample : M1840-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSB-SS-3

Manual Integrations APPROVED
MMDadoda
4/2/2021 6:52:42 PM

Quant Time: Apr 01 22:59:28 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	5.67	49	1517406	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3643314	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3294075	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2785274	10.61	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	38015	0.154	ppbv #	80
3) Chlorodifluoromethane	2.98	51	77870m	0.275	ppbv	
4) Chloromethane	3.14	50	51712	0.516	ppbv #	85
9) Propene	3.02	41	79836	0.883	ppbv	96
10) Heptane	8.13	43	41555	0.180	ppbv #	84
11) Trichlorofluoromethane	3.95	101	48042	0.190	ppbv	91
13) Ethanol	3.61	45	1226257	113.934	ppbv	92
15) Acetone	3.85	43	7061327	47.281	ppbv	90
17) tert-Butyl alcohol	4.30	59	340274	2.617	ppbv	99
19) Isopropyl Alcohol	3.98	45	2566101	31.235	ppbv #	1
20) Methylene Chloride	4.35	84	2214089	31.664	ppbv	91
23) Vinyl Acetate	5.07	43	1424812	5.577	ppbv #	93
26) Hexane	5.69	57	2674476	16.231	ppbv #	47
32) 1,1,1-Trichloroethane	6.51	97	83219	0.313	ppbv	95
34) 2-Butanone	5.25	43	1311373	7.374	ppbv	97
35) Carbon Tetrachloride	7.03	117	16790m	0.060	ppbv	
36) Benzene	6.90	78	994040	2.958	ppbv	95
50) 4-Methyl-2-Pentanone	8.75	43	52524m	0.204	ppbv	
51) 2-Hexanone	10.14	43	181099m	1.395	ppbv	
52) Tetrachloroethene	11.23	164	144661	1.169	ppbv	96
53) Toluene	9.81	91	893544	2.497	ppbv	98
58) Ethyl Benzene	12.72	91	188658	0.394	ppbv	90
59) m/p-Xylene	12.97	91	711039	1.701	ppbv	96
60) o-Xylene	13.70	91	266226	0.659	ppbv	99
61) Styrene	13.54	104	19646m	0.097	ppbv	
64) n-propylbenzene	15.58	120	21996m	0.165	ppbv	
72) 4-Ethyltoluene	15.85	105	118559m	0.268	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	110671	0.268	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	339053	0.766	ppbv #	67
79) Naphthalene	22.22	128	40703m	0.158	ppbv	

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

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