Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052021\
Data File : VL037033.D
Acq On : 20 May 2021 21:05
Operator : SY/AP
Sample : M2424-12 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
KSV-10

Manual Integrations APPROVED
MMDadoda
5/24/2021 3:27:20 PM

Quant Time: May 21 03:17:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 1
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1178975	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	3407832	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	3024386	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2281278	10.04	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	20129m	0.101	ppbv	
3) Chlorodifluoromethane	2.96	51	24115	0.112	ppbv	98
4) Chloromethane	3.12	50	17338	0.236	ppbv #	76
9) Propene	2.98	41	569227	7.360	ppbv	98
10) Heptane	8.08	43	241880	1.255	ppbv	95
11) Trichlorofluoromethane	3.92	101	236383	1.277	ppbv	99
13) Ethanol	3.58	45	435784	42.230	ppbv	96
15) Acetone	3.82	43	21948009	181.751	ppbv #	77
17) tert-Butyl alcohol	4.27	59	424535	3.838	ppbv	95
19) Isopropyl Alcohol	3.94	45	477377	7.354	ppbv #	30
20) Methylene Chloride	4.32	84	136150	2.103	ppbv	95
26) Hexane	5.65	57	566365	3.821	ppbv #	11
27) Carbon Disulfide	4.52	76	75770	0.507	ppbv #	84
29) Chloroform	5.73	83	32126m	0.153	ppbv	
30) Cyclohexane	7.09	84	324891	2.579	ppbv	89
34) 2-Butanone	5.21	43	2523137	20.334	ppbv	99
36) Benzene	6.86	78	239376	0.815	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	78611m	0.384	ppbv	
51) 2-Hexanone	10.10	43	294643	2.722	ppbv #	98
52) Tetrachloroethene	11.19	164	4764m	0.041	ppbv	
53) Toluene	9.76	91	802048	2.296	ppbv	97
58) Ethyl Benzene	12.67	91	123634	0.290	ppbv	96
59) m/p-Xylene	12.92	91	261436m	0.741	ppbv	
60) o-Xylene	13.65	91	80355	0.239	ppbv	99
61) Styrene	13.48	104	60005	0.317	ppbv #	82
72) 4-Ethyltoluene	15.80	105	108375	0.271	ppbv #	90
73) 1,3,5-Trimethylbenzene	15.96	105	110322	0.294	ppbv	98
74) 1,2,4-Trimethylbenzene	16.73	105	355621	0.917	ppbv #	71

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

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