Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051220\
Data File : VL034987.D
Acq On : 12 May 2020 15:03
Operator : SY/AP
Sample : L2567-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-4

Manual Integrations APPROVED
MMDadoda
5/13/2020 5:11:42 PM

Quant Time: May 14 13:02:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1022033	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2389257	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.11	117	2246055	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1888354	10.39	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	41870	0.289	ppbv		94
3) Chlorodifluoromethane	2.94	51	32411m	0.278	ppbv		
4) Chloromethane	3.10	50	35636	0.533	ppbv	#	84
9) Propene	2.98	41	130336m	2.574	ppbv		
10) Heptane	8.12	43	106461m	0.839	ppbv		
11) Trichlorofluoromethane	3.92	101	40054	0.268	ppbv	#	81
13) Ethanol	3.57	45	298077	17.840	ppbv		97
15) Acetone	3.81	43	1050792m	7.777	ppbv		
19) Isopropyl Alcohol	3.94	45	398886	4.427	ppbv	#	96
20) Methylene Chloride	4.31	84	186822	4.177	ppbv		88
26) Hexane	5.67	57	350429	3.561	ppbv	#	58
30) Cyclohexane	7.13	84	32352	0.426	ppbv	#	90
34) 2-Butanone	5.23	43	53865	0.363	ppbv		100
35) Carbon Tetrachloride	7.02	117	8935m	0.059	ppbv		
36) Benzene	6.89	78	113650m	0.577	ppbv		
38) Trichloroethene	7.84	130	171049	2.241	ppbv		92
41) Tetrahydrofuran	6.06	42	18473m	0.236	ppbv		
44) 2,2,4-Trimethylpentane	7.87	57	183860m	0.525	ppbv		
52) Tetrachloroethene	11.25	164	1177523	16.811	ppbv		98
53) Toluene	9.82	91	2720503	13.028	ppbv		99
58) Ethyl Benzene	12.74	91	200639	0.722	ppbv		100
59) m/p-Xylene	12.99	91	678318m	2.776	ppbv		
60) o-Xylene	13.72	91	227762	0.945	ppbv		100
61) Styrene	13.55	104	44811m	0.294	ppbv		
72) 4-Ethyltoluene	15.87	105	51066m	0.190	ppbv		
73) 1,3,5-Trimethylbenzene	16.03	105	41642m	0.159	ppbv		
74) 1,2,4-Trimethylbenzene	16.80	105	169049	0.592	ppbv	#	73

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

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