Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082018\
Data File : VL032412.D
Acq On : 20 Aug 2018 20:03
Operator : SY/AP
Sample : J4472-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-2

Manual Integrations APPROVED
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Quant Time: Aug 29 12:20:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 2
QLast Update : Tue Aug 28 13:07:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.81	49	1783507	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.35	114	3510500	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.30	117	3505078	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.64	95	2700635	10.10	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.11	85	130413	0.717	ppbv		95
3) Chlorodifluoromethane	3.05	51	102981m	0.623	ppbv		
4) Chloromethane	3.21	50	125052	1.272	ppbv		95
9) Propene	3.07	41	658923	9.319	ppbv		98
10) Heptane	8.31	43	26726m	0.125	ppbv		
11) Trichlorofluoromethane	4.05	101	759648	3.808	ppbv		93
13) Ethanol	3.69	45	504033	27.755	ppbv		97
15) Acetone	3.94	43	2902916	17.131	ppbv		99
19) Isopropyl Alcohol	4.07	45	1890009	16.564	ppbv		99
20) Methylene Chloride	4.46	84	161176	2.518	ppbv		96
26) Hexane	5.83	57	140170	0.866	ppbv		82
27) Carbon Disulfide	4.67	76	19187	0.127	ppbv	#	75
29) Chloroform	5.90	83	59499m	0.251	ppbv		
34) 2-Butanone	5.38	43	1076633	4.506	ppbv		100
35) Carbon Tetrachloride	7.19	117	16958m	0.082	ppbv		
36) Benzene	7.06	78	238710	0.802	ppbv		99
38) Trichloroethene	8.01	130	50478m	0.484	ppbv		
44) 2,2,4-Trimethylpentane	8.05	57	76394	0.142	ppbv	#	69
50) 4-Methyl-2-Pentanone	8.94	43	127790	0.370	ppbv		97
51) 2-Hexanone	10.33	43	149973	0.619	ppbv	#	94
52) Tetrachloroethene	11.43	164	104573	1.191	ppbv	#	80
53) Toluene	10.01	91	979195	3.001	ppbv		98
58) Ethyl Benzene	12.93	91	84547	0.200	ppbv		89
59) m/p-Xylene	13.18	91	240930m	0.673	ppbv		
60) o-Xylene	13.91	91	118182m	0.336	ppbv		
61) Styrene	13.75	104	52787m	0.215	ppbv		
74) 1,2,4-Trimethylbenzene	16.99	105	83122m	0.207	ppbv		
76) 1,4-Dichlorobenzene	17.38	146	8609275	37.629	ppbv		99
79) Naphthalene	22.49	128	87768	0.299	ppbv	#	94

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

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