Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090518\
Data File : VL032473.D
Acq On : 6 Sep 2018 2:32
Operator : SY/AP
Sample : J4745-01 4X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VP-6

Manual Integrations APPROVED
MMDadoda
9/7/2018 10:46:08 AM

Quant Time: Sep 07 08:53:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 3
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.81	49	1543141	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.34	114	3136115	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.30	117	3264709	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.64	95	2545816	10.50	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	25099	0.13	ppbv		88
3) Chlorodifluoromethane	3.04	51	17646	0.13	ppbv		94
4) Chloromethane	3.20	50	11389	0.13	ppbv		94
9) Propene	3.06	41	2117114m	37.57	ppbv		
10) Heptane	8.30	43	1070361	5.29	ppbv		98
11) Trichlorofluoromethane	4.04	101	43852	0.25	ppbv	#	82
13) Ethanol	3.69	45	1048860	59.72	ppbv		98
15) Acetone	3.93	43	2695792	19.40	ppbv	#	47
17) tert-Butyl alcohol	4.40	59	1437228	67.21	ppbv	#	100
20) Methylene Chloride	4.45	84	85487	1.61	ppbv	#	92
26) Hexane	5.82	57	1697558	11.55	ppbv	#	45
27) Carbon Disulfide	4.66	76	98009	0.72	ppbv	#	90
30) Cyclohexane	7.29	84	87082	0.81	ppbv	#	53
34) 2-Butanone	5.37	43	2191926	10.52	ppbv		100
36) Benzene	7.05	78	663118	2.48	ppbv		97
38) Trichloroethene	8.01	130	4842m	0.05	ppbv		
41) Tetrahydrofuran	6.19	42	194929	1.72	ppbv		98
44) 2,2,4-Trimethylpentane	8.04	57	489173	0.95	ppbv	#	74
50) 4-Methyl-2-Pentanone	8.93	43	962899	3.07	ppbv		98
51) 2-Hexanone	10.34	43	1657120	8.20	ppbv	#	91
52) Tetrachloroethene	11.43	164	120731	1.46	ppbv		96
53) Toluene	10.00	91	1641890	5.89	ppbv		99
58) Ethyl Benzene	12.93	91	429926	1.10	ppbv		95
59) m/p-Xylene	13.19	91	975767	2.80	ppbv		99
60) o-Xylene	13.92	91	402002	1.17	ppbv		97
62) Isopropylbenzene	14.89	105	73049	0.15	ppbv		100
67) sec-Butylbenzene	17.53	105	106964	0.17	ppbv		100
69) p-Isopropyltoluene	17.87	119	343654	0.71	ppbv		96
73) 1,3,5-Trimethylbenzene	16.22	105	234279	0.63	ppbv		91
74) 1,2,4-Trimethylbenzene	16.99	105	713867	1.74	ppbv	#	71
79) Naphthalene	22.48	128	64456m	0.19	ppbv		

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

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