Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041321\
Data File : VL036813.D
Acq On : 13 Apr 2021 21:39
Operator : SY/AP
Sample : M2018-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 14 09:55:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SG5

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1311192	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3374424	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2681182	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1931943	9.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 90.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	37923m	0.177	ppbv		
3) Chlorodifluoromethane	2.99	51	60316	0.246	ppbv	#	86
4) Chloromethane	3.14	50	17998m	0.208	ppbv		
9) Propene	3.02	41	97672	1.251	ppbv	#	73
10) Heptane	8.12	43	1514288	7.611	ppbv		99
11) Trichlorofluoromethane	3.95	101	44523	0.204	ppbv		93
13) Ethanol	3.62	45	260143m	27.972	ppbv		
15) Acetone	3.84	43	3068821	23.780	ppbv		99
17) tert-Butyl alcohol	4.32	59	190195m	1.693	ppbv		
19) Isopropyl Alcohol	3.98	45	567279	7.991	ppbv	#	1
20) Methylene Chloride	4.34	84	2231037	36.924	ppbv		94
26) Hexane	5.68	57	1664261	11.689	ppbv	#	47
27) Carbon Disulfide	4.55	76	62542	0.446	ppbv	#	84
30) Cyclohexane	7.13	84	211635	1.833	ppbv	#	83
34) 2-Butanone	5.24	43	151437	0.919	ppbv	#	90
35) Carbon Tetrachloride	7.02	117	11074m	0.043	ppbv		
36) Benzene	6.89	78	76658m	0.246	ppbv		
52) Tetrachloroethene	11.22	164	19742m	0.172	ppbv		
53) Toluene	9.81	91	955447	2.883	ppbv		99
58) Ethyl Benzene	12.71	91	233729	0.599	ppbv		94
59) m/p-Xylene	12.97	91	602183	1.770	ppbv		92
60) o-Xylene	13.69	91	185880	0.565	ppbv		99
61) Styrene	13.53	104	342535	2.070	ppbv		98
62) Isopropylbenzene	14.67	105	7061351	15.939	ppbv		98
64) n-propylbenzene	15.57	120	20743m	0.192	ppbv		
72) 4-Ethyltoluene	15.84	105	102165m	0.283	ppbv		
73) 1,3,5-Trimethylbenzene	16.00	105	54512m	0.162	ppbv		
74) 1,2,4-Trimethylbenzene	16.77	105	167649	0.466	ppbv	#	55

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

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