Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112321\
Data File : VL038098.D
Acq On : 23 Nov 2021 14:06
Operator : SY/AP
Sample : M4805-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 11:50:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-PURE-BARREDUP

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	968457	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2658950	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2227092	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1766624	11.00	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 110.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	28359m	0.177	ppbv		
4) Chloromethane	3.15	50	31700	0.458	ppbv		91
9) Propene	3.03	41	473705m	6.324	ppbv		
10) Heptane	8.12	43	77598m	0.419	ppbv		
11) Trichlorofluoromethane	3.96	101	399490	2.626	ppbv		99
13) Ethanol	3.64	45	21212284	2930.560	ppbv		98
15) Acetone	3.85	43	4608198	54.881	ppbv		100
19) Isopropyl Alcohol	4.00	45	7551647	124.472	ppbv	#	98
20) Methylene Chloride	4.35	84	80945	1.721	ppbv		92
25) Ethyl Acetate	5.68	43	386857	1.386	ppbv	#	96
26) Hexane	5.69	57	133132m	0.990	ppbv		
27) Carbon Disulfide	4.56	76	72334	0.600	ppbv	#	88
29) Chloroform	5.76	83	46146	0.233	ppbv		86
30) Cyclohexane	7.13	84	13279m	0.109	ppbv		
34) 2-Butanone	5.24	43	348148	3.247	ppbv		100
35) Carbon Tetrachloride	7.01	117	21631m	0.116	ppbv		
36) Benzene	6.89	78	121677	0.459	ppbv		94
41) Tetrahydrofuran	6.06	42	26244m	0.394	ppbv		
44) 2,2,4-Trimethylpentane	7.87	57	193327	0.436	ppbv	#	92
50) 4-Methyl-2-Pentanone	8.74	43	35939m	0.221	ppbv		
52) Tetrachloroethene	11.22	164	9215m	0.094	ppbv		
53) Toluene	9.81	91	559575	1.834	ppbv		100
58) Ethyl Benzene	12.70	91	117899m	0.320	ppbv		
59) m/p-Xylene	12.96	91	180674	0.583	ppbv		100
60) o-Xylene	13.68	91	63056	0.219	ppbv		94
61) Styrene	13.52	104	58300	0.378	ppbv		88
69) p-Isopropyltoluene	17.64	119	77324m	0.197	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	64317m	0.205	ppbv		

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

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