Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041564.D
Acq On : 21 Aug 2024 12:28
Operator : SY/MD
Sample : P3679-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:10:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.198	49	1003005	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.655	114	2648582	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.465	117	2459386	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.777	95	1934613	10.222	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.745	85	35238	0.204	ppbv		98
3) Chlorodifluoromethane	2.687	51	96770m	0.810	ppbv		
4) Chloromethane	2.829	50	51434	0.810	ppbv		91
6) Bromomethane	3.131	94	7297m	0.227	ppbv		
9) Propene	2.719	41	64525	1.176	ppbv	#	82
10) Heptane	7.578	43	64574	0.524	ppbv		94
11) Trichlorofluoromethane	3.571	101	87715	0.572	ppbv		92
13) Ethanol	3.263	45	12144736	2477.269	ppbv		90
15) Acetone	3.475	43	3926829	34.457	ppbv		99
17) tert-Butyl alcohol	3.909	59	78076	0.751	ppbv	#	72
19) Isopropyl Alcohol	3.600	45	1575112	23.641	ppbv		100
20) Methylene Chloride	3.944	84	52021	1.224	ppbv		96
26) Hexane	5.214	57	142846	1.521	ppbv	#	69
27) Carbon Disulfide	4.131	76	12455m	0.113	ppbv		
29) Chloroform	5.279	83	388916	2.539	ppbv		96
30) Cyclohexane	6.603	84	13051m	0.171	ppbv		
34) 2-Butanone	4.793	43	321890	2.512	ppbv		98
35) Carbon Tetrachloride	6.504	117	10527m	0.072	ppbv		
36) Benzene	6.375	78	105757	0.546	ppbv		96
42) Bromodichloromethane	7.246	83	17433m	0.111	ppbv		
43) Methyl Methacrylate	7.471	69	8824m	0.127	ppbv		
44) 2,2,4-Trimethylpentane	7.330	57	77962	0.241	ppbv	#	69
50) 4-Methyl-2-Pentanone	8.188	43	61007	0.302	ppbv		99
51) 2-Hexanone	9.552	43	61476	0.402	ppbv	#	89
52) Tetrachloroethene	10.619	164	2687m	0.036	ppbv		
53) Toluene	9.217	91	888654	4.122	ppbv		100
58) Ethyl Benzene	12.085	91	153132	0.540	ppbv		92
59) m/p-Xylene	12.339	91	477828	1.953	ppbv		96
60) o-Xylene	13.056	91	179992	0.778	ppbv		99
61) Styrene	12.902	104	44516m	0.426	ppbv		
64) n-propylbenzene	14.915	120	14882m	0.162	ppbv		
65) tert-Butylbenzene	16.101	119	34440	0.108	ppbv	#	65
69) p-Isopropyltoluene	16.985	119	43057m	0.118	ppbv		
70) n-Butylbenzene	17.889	91	43260m	0.116	ppbv		
72) 4-Ethyltoluene	15.195	105	85694m	0.314	ppbv		
73) 1,3,5-Trimethylbenzene	15.346	105	64290	0.274	ppbv		88
74) 1,2,4-Trimethylbenzene	16.101	105	299471	1.097	ppbv	#	68
76) 1,4-Dichlorobenzene	16.471	146	114692	0.690	ppbv		92
79) Naphthalene	21.384	128	64161m	0.266	ppbv		

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

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