Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
Data File : VL039180.D
Acq On : 6 Jun 2022 10:47
Operator : SY/AP
Sample : N3110-08
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 06 12:03:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SG-7

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.668	49	1207181	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	7.169	114	2989958	10.000	ppbv		-0.01
55) Chlorobenzene-d5	12.076	117	2734914	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.400	95	2184509	9.661	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.047	85	41922	0.198	ppbv		97
3) Chlorodifluoromethane	2.983	51	32697	0.213	ppbv		100
4) Chloromethane	3.137	50	36442	0.462	ppbv		90
5) Vinyl Chloride	3.259	62	4617m	0.063	ppbv		
10) Heptane	8.118	43	264901	1.695	ppbv		99
11) Trichlorofluoromethane	3.954	101	74680	0.389	ppbv	#	83
12) 1,1,2-Trichlorotrifluo...	4.488	101	17905m	0.141	ppbv		
13) Ethanol	3.597	45	293209	80.276	ppbv	#	100
15) Acetone	3.851	43	773031	6.147	ppbv		91
17) tert-Butyl alcohol	4.295	59	121166	1.242	ppbv	#	91
19) Isopropyl Alcohol	3.967	45	147647	2.503	ppbv	#	1
20) Methylene Chloride	4.349	84	92787	1.751	ppbv		98
22) trans-1,2-Dichloroethene	4.889	96	3599	0.066	ppbv	#	84
26) Hexane	5.684	57	191068	1.534	ppbv	#	54
27) Carbon Disulfide	4.552	76	543657	4.211	ppbv		98
29) Chloroform	5.751	83	50098m	0.239	ppbv		
30) Cyclohexane	7.127	84	25205m	0.241	ppbv		
31) cis-1,2-Dichloroethene	5.552	61	9657m	0.076	ppbv		
32) 1,1,1-Trichloroethane	6.510	97	25625m	0.125	ppbv		
34) 2-Butanone	5.243	43	210700	1.297	ppbv		99
35) Carbon Tetrachloride	7.018	117	16748m	0.077	ppbv		
36) Benzene	6.889	78	74593	0.307	ppbv		93
38) Trichloroethene	7.831	130	9755m	0.087	ppbv		
40) 1,4-Dioxane	7.844	88	16294m	0.513	ppbv		
41) Tetrahydrofuran	6.063	42	29375m	0.301	ppbv		
44) 2,2,4-Trimethylpentane	7.867	57	152175	0.358	ppbv	#	86
50) 4-Methyl-2-Pentanone	8.745	43	47155m	0.194	ppbv		
52) Tetrachloroethene	11.217	164	3488302	36.806	ppbv		96
53) Toluene	9.796	91	2727560	9.758	ppbv		100
58) Ethyl Benzene	12.696	91	1016026	2.697	ppbv		97
59) m/p-Xylene	12.957	91	3563595	10.742	ppbv		93
60) o-Xylene	13.680	91	1414333	4.537	ppbv		100
61) Styrene	13.516	104	106269m	0.637	ppbv		
62) Isopropylbenzene	14.654	105	161235	0.348	ppbv		100
64) n-propylbenzene	15.545	120	150842	1.324	ppbv		83
65) tert-Butylbenzene	16.744	119	419813	0.991	ppbv	#	72
67) sec-Butylbenzene	17.281	105	201078m	0.348	ppbv		
69) p-Isopropyltoluene	17.638	119	312201	0.640	ppbv		95
70) n-Butylbenzene	18.538	91	470054	0.939	ppbv	#	55
72) 4-Ethyltoluene	15.825	105	1052192	2.880	ppbv		99
73) 1,3,5-Trimethylbenzene	15.985	105	888980	2.698	ppbv		97
74) 1,2,4-Trimethylbenzene	16.744	105	3461618	9.413	ppbv	#	66
75) 1,3-Dichlorobenzene	16.985	146	35588m	0.171	ppbv		

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76) 1,4-Dichlorobenzene	17.124	146	28489m	0.137	ppbv	
77) 1,2-Dichlorobenzene	17.799	146	29067m	0.139	ppbv	
78) Hexachloro-1,3-Butadiene	23.365	225	34384m	0.179	ppbv	
79) Naphthalene	22.178	128	836100	2.954	ppbv	96
81) 1,2,4-Trichlorobenzene	21.908	180	32447m	0.181	ppbv	

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

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