Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
Data File : VL039179.D
Acq On : 6 Jun 2022 10:05
Operator : SY/AP
Sample : VL0606ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 06 10:35:56 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 :
VL0606ABS01

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	5.661	49	1205860	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	7.169	114	3053235	10.000	ppbv		-0.01
55) Chlorobenzene-d5	12.079	117	2891737m	10.000	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.404	95	2349689	9.828	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.050	85	1457733m	6.883	ppbv		
3) Chlorodifluoromethane	2.989	51	1557681	10.152	ppbv		98
4) Chloromethane	3.144	50	826583	10.488	ppbv		100
5) Vinyl Chloride	3.259	62	782552	10.622	ppbv		95
6) Bromomethane	3.472	94	383979	10.595	ppbv		97
7) Chloroethane	3.558	64	277345	10.803	ppbv		98
8) Dichlorotetrafluoroethane	3.189	85	1934384	9.993	ppbv		98
9) Propene	3.012	41	690577	10.322	ppbv		99
10) Heptane	8.118	43	1696693	10.871	ppbv		99
11) Trichlorofluoromethane	3.951	101	1921855	10.024	ppbv		98
12) 1,1,2-Trichlorotrifluo...	4.481	101	1376057	10.853	ppbv		100
13) Ethanol	3.603	45	38210	10.473	ppbv	#	100
14) Bromoethene	3.738	108	604950	10.613	ppbv		99
15) Acetone	3.845	43	1368443	10.894	ppbv		100
16) 1,3-Butadiene	3.327	39	720268	10.667	ppbv		97
17) tert-Butyl alcohol	4.282	59	1053626	10.814	ppbv		99
18) 1,1-Dichloroethene	4.285	96	631704	11.107	ppbv		94
19) Isopropyl Alcohol	3.960	45	640876	10.878	ppbv	#	98
20) Methylene Chloride	4.343	84	496304	9.376	ppbv		96
21) Allyl Chloride	4.410	41	936673	11.054	ppbv		99
22) trans-1,2-Dichloroethene	4.883	96	631266	11.535	ppbv		99
23) Vinyl Acetate	5.070	43	996257	9.586	ppbv		99
24) 1,1-Dichloroethane	5.008	63	1212084	8.512	ppbv		99
25) Ethyl Acetate	5.674	43	3023033	10.678	ppbv		100
26) Hexane	5.684	57	1319627	10.607	ppbv		99
27) Carbon Disulfide	4.552	76	1488789	11.546	ppbv		100
28) Methyl tert-Butyl Ether	5.031	73	1098122	7.995	ppbv		99
29) Chloroform	5.748	83	2181502	10.420	ppbv		99
30) Cyclohexane	7.124	84	1124149	10.756	ppbv		97
31) cis-1,2-Dichloroethene	5.545	61	1375967	10.846	ppbv		99
32) 1,1,1-Trichloroethane	6.507	97	2227932	10.875	ppbv		99
34) 2-Butanone	5.237	43	1838901	11.086	ppbv		100
35) Carbon Tetrachloride	7.012	117	2298906	10.316	ppbv		95
36) Benzene	6.886	78	2653431	10.705	ppbv		99
37) 1,2-Dichloroethane	6.301	62	1710501	10.485	ppbv		99
38) Trichloroethene	7.832	130	1285803	11.293	ppbv		98
39) 1,2-Dichloropropane	7.606	63	1031363	10.461	ppbv		97
40) 1,4-Dioxane	7.825	88	337927	10.411	ppbv	#	1
41) Tetrahydrofuran	6.044	42	1089940	10.925	ppbv		99
42) Bromodichloromethane	7.783	83	2377273	10.500	ppbv		100
43) Methyl Methacrylate	8.008	69	1111764	11.514	ppbv		98
44) 2,2,4-Trimethylpentane	7.860	57	4515339	10.413	ppbv		99
45) t-1,3-Dichloropropene	9.272	75	1293169	12.860	ppbv		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	8.693	75	1555551	11.710	ppbv		99
47)	1,1,2-Trichloroethane	9.468	97	1123814	10.925	ppbv		98
48)	Dibromochloromethane	10.298	129	2004015	10.911	ppbv		100
49)	Bromoform	13.031	173	1669083	10.905	ppbv		98
50)	4-Methyl-2-Pentanone	8.732	43	2774451	11.174	ppbv		100
51)	2-Hexanone	10.124	43	2189420	11.332	ppbv	#	99
52)	Tetrachloroethene	11.214	164	991287	10.242	ppbv		95
53)	Toluene	9.799	91	3134633	10.982	ppbv		100
54)	1,2-Dibromoethane	10.600	107	1570791	11.364	ppbv		96
56)	1,1,1,2-Tetrachloroethane	12.118	131	1387978	10.144	ppbv		97
57)	Chlorobenzene	12.140	112	2299055	10.566	ppbv		98
58)	Ethyl Benzene	12.703	91	4256499	10.686	ppbv		99
59)	m/p-Xylene	12.986	91	7285194m	20.769	ppbv		
60)	o-Xylene	13.683	91	3451189	10.471	ppbv		100
61)	Styrene	13.519	104	1996158	11.310	ppbv		99
62)	Isopropylbenzene	14.654	105	4990550	10.187	ppbv		99
63)	1,1,2,2-Tetrachloroethane	13.667	83	1829904	9.891	ppbv		100
64)	n-propylbenzene	15.548	120	1293459	10.741	ppbv		100
65)	tert-Butylbenzene	16.735	119	4510226	10.068	ppbv		100
66)	Benzyl Chloride	16.979	91	737927	12.669	ppbv		98
67)	sec-Butylbenzene	17.281	105	6365952	10.415	ppbv		100
69)	p-Isopropyltoluene	17.641	119	5312415	10.302	ppbv		99
70)	n-Butylbenzene	18.538	91	5618912	10.616	ppbv		100
71)	2-Chlorotoluene	15.442	91	3855881	10.322	ppbv		100
72)	4-Ethyltoluene	15.828	105	4115443	10.654	ppbv		99
73)	1,3,5-Trimethylbenzene	15.986	105	3695405	10.606	ppbv		100
74)	1,2,4-Trimethylbenzene	16.754	105	4027713	10.359	ppbv	#	89
75)	1,3-Dichlorobenzene	16.985	146	2324283	10.561	ppbv		99
76)	1,4-Dichlorobenzene	17.124	146	2306407	10.504	ppbv		98
77)	1,2-Dichlorobenzene	17.802	146	2297003	10.356	ppbv		100
78)	Hexachloro-1,3-Butadiene	23.358	225	1919258	9.462	ppbv		99
79)	Naphthalene	22.181	128	3764917	12.578	ppbv		99
80)	Naphthalene,2-methyl-	24.956	142	1469930	13.218	ppbv		97
81)	1,2,4-Trichlorobenzene	21.908	180	2100001	11.075	ppbv	#	100

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

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