Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
Data File : VL041662.D
Acq On : 14 Oct 2024 11:02
Operator : SY/MD
Sample : VL1014ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 02:39:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.205	49	1108335	10.000	ppbv		0.04
33) 1,4-Difluorobenzene	6.668	114	2963163	10.000	ppbv		0.04
55) Chlorobenzene-d5	11.491	117	2950594m	10.000	ppbv		0.05
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.799	95	2157989	9.935	ppbv		0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.722	85	1145692	7.158	ppbv		100
3) Chlorodifluoromethane	2.668	51	1310086	9.745	ppbv		99
4) Chloromethane	2.809	50	719788	9.735	ppbv		99
5) Vinyl Chloride	2.915	62	702662	10.975	ppbv		99
6) Bromomethane	3.118	94	255661	8.027	ppbv		98
7) Chloroethane	3.195	64	243123	9.764	ppbv		100
8) Dichlorotetrafluoroethane	2.851	85	1660268	9.888	ppbv		100
9) Propene	2.687	41	601524	10.608	ppbv		100
10) Heptane	7.597	43	1497343	11.278	ppbv		100
11) Trichlorofluoromethane	3.562	101	1638422	9.620	ppbv		98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1209387	9.804	ppbv		99
13) Ethanol	3.250	45	25964m	6.091	ppbv		
14) Bromoethene	3.362	108	490120	10.478	ppbv		99
15) Acetone	3.468	43	1216859	8.745	ppbv		99
16) 1,3-Butadiene	2.980	39	697703	10.309	ppbv		97
17) tert-Butyl alcohol	3.880	59	1247539	10.195	ppbv		99
18) 1,1-Dichloroethene	3.883	96	536176	10.267	ppbv		98
19) Isopropyl Alcohol	3.578	45	669012	9.392	ppbv	#	98
20) Methylene Chloride	3.935	84	432714	8.278	ppbv		93
21) Allyl Chloride	3.999	41	835610	10.361	ppbv		99
22) trans-1,2-Dichloroethene	4.449	96	529705	10.168	ppbv		99
23) Vinyl Acetate	4.632	43	878250	11.475	ppbv		99
24) 1,1-Dichloroethane	4.571	63	1187574	10.338	ppbv		100
25) Ethyl Acetate	5.214	43	2658560	10.643	ppbv		99
26) Hexane	5.221	57	1083358	10.400	ppbv		99
27) Carbon Disulfide	4.128	76	1283235	11.588	ppbv		99
28) Methyl tert-Butyl Ether	4.594	73	665747	10.366	ppbv		99
29) Chloroform	5.285	83	1702002	9.984	ppbv		97
30) Cyclohexane	6.619	84	915770	11.404	ppbv		99
31) cis-1,2-Dichloroethene	5.089	61	1035844	10.474	ppbv		99
32) 1,1,1-Trichloroethane	6.015	97	1684176	11.092	ppbv		99
34) 2-Butanone	4.793	43	1385663	9.807	ppbv		99
35) Carbon Tetrachloride	6.507	117	1746265	12.011	ppbv		100
36) Benzene	6.385	78	2302124	11.187	ppbv		99
37) 1,2-Dichloroethane	5.822	62	1275743	10.685	ppbv		99
38) Trichloroethene	7.307	130	1161316	10.958	ppbv		99
39) 1,2-Dichloropropane	7.089	63	896567	10.709	ppbv		98
40) 1,4-Dioxane	7.307	88	351904	11.151	ppbv	#	99
41) Tetrahydrofuran	5.568	42	919479	11.825	ppbv		100
42) Bromodichloromethane	7.266	83	1834480	11.043	ppbv		99
43) Methyl Methacrylate	7.494	69	902852	12.260	ppbv		99
44) 2,2,4-Trimethylpentane	7.343	57	3928081	11.033	ppbv		100
45) t-1,3-Dichloropropene	8.729	75	686411	11.561	ppbv		98

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46) cis-1,3-Dichloropropene	8.163	75	986486	11.341	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	953812	10.730	ppbv	99
48) Dibromochloromethane	9.732	129	1556080	11.554	ppbv	100
49) Bromoform	12.433	173	1337606	11.570	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2599545	11.914	ppbv	99
51) 2-Hexanone	9.571	43	2038924	12.354	ppbv	100
52) Tetrachloroethene	10.639	164	845842	11.351	ppbv	97
53) Toluene	9.240	91	2657525	12.166	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1251918	11.437	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	1161496	10.082	ppbv	99
57) Chlorobenzene	11.552	112	2072182	9.741	ppbv	98
58) Ethyl Benzene	12.111	91	3564325	11.285	ppbv	99
59) m/p-Xylene	12.394	91	6050276m	21.522	ppbv	
60) o-Xylene	13.079	91	2940555	10.910	ppbv	100
61) Styrene	12.918	104	1389742	12.342	ppbv	100
62) Isopropylbenzene	14.053	105	4251841	10.413	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1519552	11.027	ppbv	99
64) n-propylbenzene	14.937	120	1134283	10.756	ppbv	99
65) tert-Butylbenzene	16.114	119	3818025	10.201	ppbv	100
66) Benzyl Chloride	16.349	91	206302	10.602	ppbv	95
67) sec-Butylbenzene	16.661	105	5353060	10.308	ppbv	100
69) p-Isopropyltoluene	17.018	119	4451290	10.590	ppbv	100
70) n-Butylbenzene	17.908	91	4571641	10.382	ppbv	100
71) 2-Chlorotoluene	14.825	91	3185904	10.604	ppbv	99
72) 4-Ethyltoluene	15.214	105	3484380	11.060	ppbv	99
73) 1,3,5-Trimethylbenzene	15.375	105	2987131	10.737	ppbv	98
74) 1,2,4-Trimethylbenzene	16.134	105	3325802	10.214	ppbv	95
75) 1,3-Dichlorobenzene	16.355	146	1996430	9.783	ppbv	100
76) 1,4-Dichlorobenzene	16.497	146	1937729	9.909	ppbv	100
77) 1,2-Dichlorobenzene	17.169	146	1943634	9.647	ppbv	99
78) Hexachloro-1,3-Butadiene	22.664	225	1356495	8.162	ppbv	100
79) Naphthalene	21.413	128	2594745	10.827	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	833531	4.964	ppbv	99
81) 1,2,4-Trichlorobenzene	21.165	180	1375748	9.030	ppbv	98

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

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