

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039326.D
 Acq On : 22 Jun 2022 18:57
 Operator : SY/AP
 Sample : N3214-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:29:37 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:29:37 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.665	49	1144633	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3343960	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3004194	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2399629	9.662	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.051	85	106722	0.531	ppbv	92
3) Chlorodifluoromethane	2.993	51	66282	0.455	ppbv	98
4) Chloromethane	3.147	50	36848	0.493	ppbv	95
5) Vinyl Chloride	3.256	62	32719m	0.468	ppbv	
6) Bromomethane	3.475	94	16728m	0.486	ppbv	
7) Chloroethane	3.555	64	13442m	0.552	ppbv	
8) Dichlorotetrafluoroethane	3.189	85	87457	0.476	ppbv	95
9) Propene	3.012	41	33366m	0.525	ppbv	
10) Heptane	8.121	43	58971	0.398	ppbv	87
11) Trichlorofluoromethane	3.954	101	86128	0.473	ppbv	97
12) 1,1,2-Trichlorotrifluoro...	4.491	101	65493m	0.544	ppbv	
13) Ethanol	3.616	45	2219m	0.641	ppbv	
14) Bromoethene	3.745	108	26026m	0.481	ppbv	
15) Acetone	3.864	43	71932m	0.603	ppbv	
16) 1,3-Butadiene	3.330	39	27942	0.436	ppbv	86
17) tert-Butyl alcohol	4.305	59	47957m	0.519	ppbv	
18) 1,1-Dichloroethene	4.295	96	28137m	0.521	ppbv	
19) Isopropyl Alcohol	3.980	45	30428m	0.544	ppbv	
20) Methylene Chloride	4.350	84	35128m	0.699	ppbv	
21) Allyl Chloride	4.411	41	41281	0.513	ppbv	97
22) trans-1,2-Dichloroethene	4.883	96	24084	0.464	ppbv	86
23) Vinyl Acetate	5.083	43	46801m	0.474	ppbv	
24) 1,1-Dichloroethane	5.012	63	51221	0.379	ppbv	96
25) Ethyl Acetate	5.690	43	113594m	0.423	ppbv	
26) Hexane	5.687	57	49995	0.423	ppbv #	84
27) Carbon Disulfide	4.555	76	51914m	0.424	ppbv	
28) Methyl tert-Butyl Ether	5.047	73	47682	0.366	ppbv	91
29) Chloroform	5.748	83	91127	0.459	ppbv	93
30) Cyclohexane	7.131	84	48160m	0.485	ppbv	
31) cis-1,2-Dichloroethene	5.546	61	51563m	0.428	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	78221	0.402	ppbv	94
34) 2-Butanone	5.259	43	67665	0.372	ppbv	99
35) Carbon Tetrachloride	7.018	117	80092	0.328	ppbv #	86
36) Benzene	6.886	78	104417	0.385	ppbv	95
37) 1,2-Dichloroethane	6.301	62	60807m	0.340	ppbv	
38) Trichloroethene	7.835	130	55981m	0.449	ppbv	
39) 1,2-Dichloropropane	7.613	63	41470	0.384	ppbv	98
40) 1,4-Dioxane	7.867	88	17205m	0.484	ppbv	
41) Tetrahydrofuran	6.073	42	38360m	0.351	ppbv	
42) Bromodichloromethane	7.790	83	77955m	0.314	ppbv	
43) Methyl Methacrylate	8.015	69	35920m	0.340	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	176032	0.371	ppbv #	92
45) t-1,3-Dichloropropene	9.275	75	28161m	0.256	ppbv	

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46) cis-1,3-Dichloropropene	8.700	75	41259m	0.284	ppbv	
47) 1,1,2-Trichloroethane	9.475	97	44099m	0.391	ppbv	
48) Dibromochloromethane	10.298	129	60626m	0.301	ppbv	
49) Bromoform	13.040	173	43503m	0.260	ppbv	
50) 4-Methyl-2-Pentanone	8.758	43	92368m	0.340	ppbv	
51) 2-Hexanone	10.166	43	63035m	0.298	ppbv	
52) Tetrachloroethene	11.211	164	43989m	0.415	ppbv	
53) Toluene	9.803	91	113001m	0.361	ppbv	
54) 1,2-Dibromoethane	10.607	107	55676m	0.368	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.121	131	54977m	0.387	ppbv	
57) Chlorobenzene	12.140	112	100606	0.445	ppbv #	81
58) Ethyl Benzene	12.703	91	155090m	0.375	ppbv	
59) m/p-Xylene	12.983	91	277942m	0.763	ppbv	
60) o-Xylene	13.684	91	129765m	0.379	ppbv	
61) Styrene	13.516	104	60328m	0.329	ppbv	
62) Isopropylbenzene	14.661	105	204875	0.403	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.674	83	72271m	0.376	ppbv	
64) n-propylbenzene	15.552	120	46898m	0.375	ppbv	
65) tert-Butylbenzene	16.738	119	188359	0.405	ppbv	100
66) Benzyl Chloride	16.986	91	17607m	0.291	ppbv	
67) sec-Butylbenzene	17.288	105	247124	0.389	ppbv	100
69) p-Isopropyltoluene	17.648	119	208767m	0.390	ppbv	
70) n-Butylbenzene	18.552	91	187226m	0.340	ppbv	
71) 2-Chlorotoluene	15.449	91	146292	0.377	ppbv	99
72) 4-Ethyltoluene	15.835	105	149585m	0.373	ppbv	
73) 1,3,5-Trimethylbenzene	15.995	105	144878m	0.400	ppbv	
74) 1,2,4-Trimethylbenzene	16.757	105	154681m	0.383	ppbv	
75) 1,3-Dichlorobenzene	16.995	146	97253m	0.425	ppbv	
76) 1,4-Dichlorobenzene	17.130	146	96019m	0.421	ppbv	
77) 1,2-Dichlorobenzene	17.815	146	97313m	0.422	ppbv	
78) Hexachloro-1,3-Butadiene	23.365	225	88331	0.419	ppbv	99
79) Naphthalene	22.191	128	96202m	0.309	ppbv	
80) Naphthalene,2-methyl-	24.956	142	15577m	0.135	ppbv	
81) 1,2,4-Trichlorobenzene	21.918	180	64032	0.325	ppbv #	100

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

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