

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039065.D
 Acq On : 14 May 2022 9:54
 Operator : SY/AP
 Sample : N2854-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 16 01:38:06 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 12 10:12:15 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.655	49	912429	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2487190	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	2409213	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1709565	8.960	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.044	85	1191344	8.333	ppbv	97
3) Chlorodifluoromethane	2.983	51	1183752	10.455	ppbv	96
4) Chloromethane	3.134	50	558618	9.852	ppbv	94
5) Vinyl Chloride	3.253	62	550114	10.625	ppbv	98
6) Bromomethane	3.469	94	259134	10.595	ppbv	95
7) Chloroethane	3.552	64	189874	10.957	ppbv	99
8) Dichlorotetrafluoroethane	3.186	85	1339627	10.339	ppbv	98
9) Propene	3.006	41	549035	11.104	ppbv	95
10) Heptane	8.105	43	1390249	11.461	ppbv	99
11) Trichlorofluoromethane	3.944	101	1224875	9.986	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	4.478	101	926351	10.963	ppbv	97
13) Ethanol	3.604	45	44816m	12.808	ppbv	
14) Bromoethene	3.732	108	384077	11.023	ppbv	99
15) Acetone	3.841	43	906248	10.529	ppbv	100
16) 1,3-Butadiene	3.321	39	527118	10.660	ppbv	98
17) tert-Butyl alcohol	4.276	59	819829	12.393	ppbv	99
18) 1,1-Dichloroethene	4.279	96	400747	11.020	ppbv	96
19) Isopropyl Alcohol	3.954	45	472707	11.551	ppbv #	94
20) Methylene Chloride	4.337	84	342623	10.562	ppbv	98
21) Allyl Chloride	4.404	41	613133	10.454	ppbv	98
22) trans-1,2-Dichloroethene	4.877	96	416223	10.596	ppbv	96
23) Vinyl Acetate	5.063	43	642579	9.436	ppbv	99
24) 1,1-Dichloroethane	5.002	63	840788	10.722	ppbv	99
25) Ethyl Acetate	5.665	43	2566611	12.459	ppbv	99
26) Hexane	5.674	57	1035434	11.312	ppbv	93
27) Carbon Disulfide	4.542	76	975277	11.217	ppbv	99
28) Methyl tert-Butyl Ether	5.021	73	789554	11.337	ppbv	99
29) Chloroform	5.742	83	1576901	10.648	ppbv	100
30) Cyclohexane	7.118	84	878543	11.464	ppbv	95
31) cis-1,2-Dichloroethene	5.536	61	1003069	10.757	ppbv	89
32) 1,1,1-Trichloroethane	6.501	97	1569182	10.597	ppbv	99
34) 2-Butanone	5.234	43	1226114	9.663	ppbv	99
35) Carbon Tetrachloride	7.005	117	1582977	9.659	ppbv	99
36) Benzene	6.877	78	2172793	10.208	ppbv	98
37) 1,2-Dichloroethane	6.295	62	1184693	8.996	ppbv #	97
38) Trichloroethene	7.822	130	835263	8.827	ppbv	96
39) 1,2-Dichloropropane	7.600	63	835850	10.092	ppbv	99
40) 1,4-Dioxane	7.819	88	223724	7.521	ppbv #	1
41) Tetrahydrofuran	6.034	42	877903	10.294	ppbv	99
42) Bromodichloromethane	7.777	83	1712507	9.511	ppbv	98
43) Methyl Methacrylate	7.999	69	921892	10.669	ppbv	98
44) 2,2,4-Trimethylpentane	7.854	57	3628228	9.714	ppbv	99
45) t-1,3-Dichloropropene	9.262	75	695978	8.321	ppbv	99

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 Dadoda

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	967102	8.719	ppbv	95
47) 1,1,2-Trichloroethane	9.459	97	881543	10.234	ppbv	99
48) Dibromochloromethane	10.288	129	1431664	10.212	ppbv	100
49) Bromoform	13.021	173	1128016	10.550	ppbv	99
50) 4-Methyl-2-Pentanone	8.722	43	2182613	9.809	ppbv	98
51) 2-Hexanone	10.111	43	1615072	9.945	ppbv #	97
52) Tetrachloroethene	11.205	164	755804	9.937	ppbv	98
53) Toluene	9.790	91	2527571	10.595	ppbv	100
54) 1,2-Dibromoethane	10.594	107	1261454	10.757	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.111	131	1082364	10.239	ppbv #	92
57) Chlorobenzene	12.127	112	1772742	9.816	ppbv	96
58) Ethyl Benzene	12.693	91	3409106	9.833	ppbv	98
59) m/p-Xylene	12.976	91	5627557m	19.013	ppbv	
60) o-Xylene	13.671	91	2650046	9.512	ppbv	99
61) Styrene	13.510	104	1542899	10.374	ppbv	95
62) Isopropylbenzene	14.648	105	3980551	9.771	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.658	83	1787142	10.895	ppbv	99
64) n-propylbenzene	15.542	120	1021802	10.374	ppbv	100
65) tert-Butylbenzene	16.725	119	3457349	9.686	ppbv	96
66) Benzyl Chloride	16.970	91	215644	4.622	ppbv	100
67) sec-Butylbenzene	17.275	105	5042695	9.888	ppbv	100
69) p-Isopropyltoluene	17.632	119	4115365	9.989	ppbv	98
70) n-Butylbenzene	18.529	91	4346127	9.929	ppbv	99
71) 2-Chlorotoluene	15.433	91	3046948	9.702	ppbv	98
72) 4-Ethyltoluene	15.818	105	3264268	10.283	ppbv	97
73) 1,3,5-Trimethylbenzene	15.979	105	2863195	10.018	ppbv	100
74) 1,2,4-Trimethylbenzene	16.741	105	3040837	9.718	ppbv	99
75) 1,3-Dichlorobenzene	16.976	146	1720331	10.034	ppbv	99
76) 1,4-Dichlorobenzene	17.117	146	1634332	9.690	ppbv	98
77) 1,2-Dichlorobenzene	17.796	146	1690324	9.968	ppbv	99
78) Hexachloro-1,3-Butadiene	23.349	225	1264869	8.116	ppbv	99
79) Naphthalene	22.166	128	2450101	9.639	ppbv	99
80) Naphthalene,2-methyl-	24.953	142	585688	7.617	ppbv	97
81) 1,2,4-Trichlorobenzene	21.899	180	1319866	8.861	ppbv	99

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

