

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038686.D
 Acq On : 22 Mar 2022 16:14
 Operator : SY/AP
 Sample : N1961-09
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P72

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:14:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	808255	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2136235	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	2100397	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1596905	9.917	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.047	85	13621	0.125	ppbv	91
3) Chlorodifluoromethane	2.980	51	50372m	0.590	ppbv	
4) Chloromethane	3.137	50	73876	1.576	ppbv	97
6) Bromomethane	3.465	94	9650m	0.380	ppbv	
7) Chloroethane	3.555	64	13698	0.869	ppbv	100
9) Propene	3.022	41	993388m	24.104	ppbv	
10) Heptane	8.111	43	24299	0.247	ppbv #	26
11) Trichlorofluoromethane	3.944	101	25528	0.266	ppbv	86
13) Ethanol	3.597	45	1031096	226.805	ppbv	100
15) Acetone	3.838	43	2084262	29.885	ppbv #	79
17) tert-Butyl alcohol	4.285	59	310811	5.103	ppbv #	1
19) Isopropyl Alcohol	3.960	45	1712326	44.283	ppbv #	97
20) Methylene Chloride	4.337	84	164505	5.600	ppbv	97
25) Ethyl Acetate	5.661	43	1957697	11.151	ppbv #	93
26) Hexane	5.681	57	410304m	5.220	ppbv	
27) Carbon Disulfide	4.546	76	105502	1.368	ppbv	98
29) Chloroform	5.745	83	20320	0.161	ppbv	91
30) Cyclohexane	7.121	84	200870	2.939	ppbv	93
34) 2-Butanone	5.234	43	831953	9.840	ppbv	99
35) Carbon Tetrachloride	7.008	117	8829m	0.071	ppbv	
36) Benzene	6.880	78	66547m	0.404	ppbv	
37) 1,2-Dichloroethane	6.292	62	16929	0.202	ppbv	99
38) Trichloroethene	7.819	130	7384m	0.107	ppbv	
43) Methyl Methacrylate	8.005	69	16970m	0.277	ppbv	
44) 2,2,4-Trimethylpentane	7.857	57	447975	1.618	ppbv #	86
50) 4-Methyl-2-Pentanone	8.732	43	168687	1.073	ppbv	99
52) Tetrachloroethene	11.211	164	5097m	0.084	ppbv	
53) Toluene	9.796	91	10669848	60.229	ppbv	92
58) Ethyl Benzene	12.693	91	260026	1.059	ppbv	99
59) m/p-Xylene	12.950	91	602216	2.804	ppbv	96
60) o-Xylene	13.674	91	228568	1.121	ppbv	98
61) Styrene	13.513	104	152392	1.378	ppbv	98
69) p-Isopropyltoluene	17.635	119	152843	0.475	ppbv	93
72) 4-Ethyltoluene	15.822	105	26567m	0.110	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	22321m	0.102	ppbv	
74) 1,2,4-Trimethylbenzene	16.741	105	61719m	0.258	ppbv	

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

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