

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037573.D
 Acq On : 8 Sep 2021 15:37
 Operator : SY/AP
 Sample : M3662-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampled :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:52:28 AM

Quant Time: Sep 09 09:12:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.680	49	1636548	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	4815230	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.098	117	4251072	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	3089987	10.231	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.063	85	55468m	0.211	ppbv	
3) Chlorodifluoromethane	3.002	51	122586m	0.391	ppbv	
4) Chloromethane	3.153	50	52642	0.470	ppbv	90
9) Propene	3.038	41	137797	1.229	ppbv #	77
10) Heptane	8.143	43	30160m	0.117	ppbv	
11) Trichlorofluoromethane	3.964	101	51223	0.208	ppbv	92
13) Ethanol	3.616	45	1417351m	129.903	ppbv	
15) Acetone	3.861	43	2118915	12.722	ppbv	100
17) tert-Butyl alcohol	4.317	59	32899	0.216	ppbv	95
19) Isopropyl Alcohol	3.980	45	663758m	6.956	ppbv	
20) Methylene Chloride	4.356	84	140776m	1.688	ppbv	
26) Hexane	5.697	57	178773	0.865	ppbv #	73
27) Carbon Disulfide	4.568	76	31907m	0.173	ppbv	
29) Chloroform	5.764	83	965948	3.297	ppbv	100
34) 2-Butanone	5.263	43	264682	1.346	ppbv #	90
35) Carbon Tetrachloride	7.034	117	14974m	0.053	ppbv	
36) Benzene	6.906	78	159815	0.395	ppbv	98
38) Trichloroethene	7.854	130	7371m	0.044	ppbv	
41) Tetrahydrofuran	6.079	42	148820m	1.571	ppbv	
44) 2,2,4-Trimethylpentane	7.883	57	69278m	0.102	ppbv	
52) Tetrachloroethene	11.240	164	49721m	0.300	ppbv	
53) Toluene	9.819	91	368529	0.797	ppbv	98
58) Ethyl Benzene	12.722	91	2506035	4.248	ppbv	95
59) m/p-Xylene	12.982	91	15011484	29.352	ppbv	91
60) o-Xylene	13.706	91	6999387	14.663	ppbv	99
62) Isopropylbenzene	14.677	105	79555m	0.118	ppbv	
70) n-Butylbenzene	18.558	91	132895m	0.199	ppbv	
72) 4-Ethyltoluene	15.851	105	99829	0.176	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.008	105	123811m	0.234	ppbv	
74) 1,2,4-Trimethylbenzene	16.773	105	401994	0.716	ppbv #	66
79) Naphthalene	22.201	128	88312m	0.235	ppbv	
80) Naphthalene, 2-methyl-	24.982	142	52486m	0.501	ppbv	

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

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