

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037574.D
 Acq On : 8 Sep 2021 16:20
 Operator : SY/AP
 Sample : M3662-0DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-1DUP

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:52:31 AM

Quant Time: Sep 09 09:12:38 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	5.677	49	1614100	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4784961	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	4231039	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	3074421	10.228	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.054	85	48079	0.186	ppbv	93
3) Chlorodifluoromethane	2.989	51	144967	0.469	ppbv #	82
4) Chloromethane	3.144	50	56672	0.513	ppbv #	86
9) Propene	3.025	41	135242	1.223	ppbv #	81
10) Heptane	8.134	43	34105m	0.134	ppbv	
11) Trichlorofluoromethane	3.960	101	47833	0.197	ppbv	93
13) Ethanol	3.610	45	1160971m	107.885	ppbv	
15) Acetone	3.854	43	2106477	12.823	ppbv	100
17) tert-Butyl alcohol	4.298	59	36820m	0.245	ppbv	
19) Isopropyl Alcohol	3.973	45	685332m	7.282	ppbv	
20) Methylene Chloride	4.353	84	124213	1.510	ppbv	91
26) Hexane	5.693	57	200111	0.981	ppbv #	67
27) Carbon Disulfide	4.562	76	27929	0.154	ppbv #	1
29) Chloroform	5.761	83	987486	3.417	ppbv	98
34) 2-Butanone	5.256	43	221286	1.133	ppbv	94
35) Carbon Tetrachloride	7.034	117	15839m	0.056	ppbv	
36) Benzene	6.899	78	164593m	0.409	ppbv	
38) Trichloroethene	7.848	130	7339m	0.044	ppbv	
41) Tetrahydrofuran	6.066	42	144787	1.538	ppbv	94
44) 2,2,4-Trimethylpentane	7.883	57	85700m	0.127	ppbv	
52) Tetrachloroethene	11.233	164	50233m	0.305	ppbv	
53) Toluene	9.819	91	360646	0.785	ppbv	95
58) Ethyl Benzene	12.722	91	2530127	4.309	ppbv	99
59) m/p-Xylene	12.982	91	14920006	29.311	ppbv	89
60) o-Xylene	13.706	91	6907929	14.540	ppbv	98
62) Isopropylbenzene	14.677	105	74997m	0.112	ppbv	
70) n-Butylbenzene	18.567	91	105525m	0.159	ppbv	
72) 4-Ethyltoluene	15.850	105	107694m	0.191	ppbv	
73) 1,3,5-Trimethylbenzene	16.008	105	111223	0.211	ppbv	90
74) 1,2,4-Trimethylbenzene	16.773	105	372878	0.667	ppbv #	69
79) Naphthalene	22.210	128	73807m	0.197	ppbv	
80) Naphthalene, 2-methyl-	24.979	142	60980	0.585	ppbv #	65

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

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