

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037132.D
 Acq On : 8 Jun 2021 15:00
 Operator : SY/AP
 Sample : M2614-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-3C

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:23:30 PM

Quant Time: Jun 09 01:48:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1394463	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4018085	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	3627477	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2745174	10.07	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	46801	0.198	ppbv #	80
3) Chlorodifluoromethane	2.99	51	743493	2.910	ppbv	95
4) Chloromethane	3.14	50	49357	0.568	ppbv	91
9) Propene	3.02	41	184372	2.015	ppbv #	82
10) Heptane	8.12	43	34866m	0.153	ppbv	
11) Trichlorofluoromethane	3.96	101	56088m	0.256	ppbv	
13) Ethanol	3.62	45	12910451	1057.756	ppbv	98
15) Acetone	3.85	43	1710075	11.973	ppbv	93
17) tert-Butyl alcohol	4.31	59	39417m	0.301	ppbv	
19) Isopropyl Alcohol	3.99	45	3053014	39.764	ppbv #	34
20) Methylene Chloride	4.35	84	200519	2.619	ppbv	94
26) Hexane	5.69	57	313315	1.787	ppbv #	72
29) Chloroform	5.75	83	46832m	0.189	ppbv	
34) 2-Butanone	5.25	43	156981	1.073	ppbv	94
35) Carbon Tetrachloride	7.02	117	17470m	0.065	ppbv	
36) Benzene	6.89	78	1322747	3.822	ppbv	99
44) 2,2,4-Trimethylpentane	7.87	57	66656m	0.112	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	56331m	0.233	ppbv	
52) Tetrachloroethene	11.23	164	5124m	0.037	ppbv	
53) Toluene	9.81	91	731244	1.776	ppbv	98
58) Ethyl Benzene	12.70	91	49565m	0.097	ppbv	
59) m/p-Xylene	12.97	91	103906m	0.246	ppbv	
60) o-Xylene	13.69	91	43678	0.108	ppbv	97
61) Styrene	13.53	104	37219m	0.164	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	50768m	0.109	ppbv	
79) Naphthalene	22.21	128	65791m	0.180	ppbv	

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

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