

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037136.D
 Acq On : 8 Jun 2021 17:40
 Operator : SY/AP
 Sample : M2614-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-5C

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:23:43 PM

Quant Time: Jun 09 12:22:23 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	5.66	49	1368124	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	4006233	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	3662197	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2763504	10.05	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	54750	0.236	ppbv	89
3) Chlorodifluoromethane	2.99	51	1748273	6.975	ppbv	99
4) Chloromethane	3.14	50	49619	0.582	ppbv	95
9) Propene	3.01	41	223922	2.495	ppbv	89
10) Heptane	8.12	43	45996m	0.206	ppbv	
11) Trichlorofluoromethane	3.95	101	52661	0.245	ppbv	86
13) Ethanol	3.62	45	15973485	1333.907	ppbv	99
15) Acetone	3.85	43	1368533m	9.766	ppbv	
19) Isopropyl Alcohol	3.99	45	4563536	60.582	ppbv #	33
20) Methylene Chloride	4.34	84	220432	2.935	ppbv	98
25) Ethyl Acetate	5.68	43	792269	2.353	ppbv	97
26) Hexane	5.68	57	370547m	2.154	ppbv	
27) Carbon Disulfide	4.55	76	17010	0.098	ppbv #	65
29) Chloroform	5.75	83	402331	1.655	ppbv	96
30) Cyclohexane	7.13	84	20474m	0.140	ppbv	
34) 2-Butanone	5.25	43	180621	1.238	ppbv	96
35) Carbon Tetrachloride	7.02	117	17320m	0.065	ppbv	
36) Benzene	6.89	78	1923625	5.574	ppbv	99
41) Tetrahydrofuran	6.06	42	29298m	0.353	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	70522m	0.119	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	73030m	0.303	ppbv	
52) Tetrachloroethene	11.21	164	5204m	0.038	ppbv	
53) Toluene	9.80	91	1524176	3.712	ppbv	98
58) Ethyl Benzene	12.71	91	56711	0.110	ppbv	92
59) m/p-Xylene	12.96	91	107308m	0.251	ppbv	
60) o-Xylene	13.69	91	46140m	0.113	ppbv	
61) Styrene	13.52	104	79775m	0.348	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	57687m	0.123	ppbv	
79) Naphthalene	22.20	128	108545	0.295	ppbv #	95

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

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