

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037130.D
 Acq On : 8 Jun 2021 13:41
 Operator : SY/AP
 Sample : M2614-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-1CDUP

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:23:22 PM

Quant Time: Jun 09 01:40:17 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	1385468	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4073599	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3630243	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2694932	9.88	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	57369	0.244	ppbv	100
3) Chlorodifluoromethane	2.99	51	380131m	1.498	ppbv	
4) Chloromethane	3.14	50	47882	0.554	ppbv	93
9) Propene	3.01	41	157410	1.732	ppbv	87
11) Trichlorofluoromethane	3.95	101	58672	0.270	ppbv #	82
13) Ethanol	3.62	45	12552969	1035.145	ppbv	99
15) Acetone	3.85	43	1767629	12.456	ppbv	93
17) tert-Butyl alcohol	4.31	59	45792m	0.352	ppbv	
19) Isopropyl Alcohol	3.99	45	3263081	42.776	ppbv #	33
20) Methylene Chloride	4.34	84	1004913	13.211	ppbv	99
26) Hexane	5.68	57	644385	3.699	ppbv #	59
29) Chloroform	5.76	83	49947	0.203	ppbv	89
30) Cyclohexane	7.13	84	20265m	0.137	ppbv	
34) 2-Butanone	5.25	43	133796	0.902	ppbv	95
35) Carbon Tetrachloride	7.02	117	16837m	0.062	ppbv	
36) Benzene	6.89	78	932367	2.657	ppbv	97
44) 2,2,4-Trimethylpentane	7.87	57	75123m	0.125	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	57620m	0.235	ppbv	
52) Tetrachloroethene	11.22	164	4495m	0.032	ppbv	
53) Toluene	9.81	91	628760	1.506	ppbv	98
59) m/p-Xylene	12.97	91	103202m	0.244	ppbv	
61) Styrene	13.53	104	34353m	0.151	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	96192m	0.207	ppbv	
79) Naphthalene	22.20	128	56300m	0.154	ppbv	

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

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