

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037103.D
 Acq On : 2 Jun 2021 15:52
 Operator : SY/AP
 Sample : M2548-09
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9A

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 3:00:35 PM

Quant Time: Jun 05 23:01:09 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
 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	5.65	49	1409992	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4031606	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3649214	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2680237	9.78	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	62042	0.259	ppbv	91
3) Chlorodifluoromethane	2.96	51	191837m	0.743	ppbv	
4) Chloromethane	3.13	50	52108	0.593	ppbv	98
9) Propene	3.01	41	114755m	1.241	ppbv	
10) Heptane	8.11	43	24486m	0.106	ppbv	
11) Trichlorofluoromethane	3.94	101	53207	0.240	ppbv	84
13) Ethanol	3.61	45	19330006	1566.270	ppbv	96
15) Acetone	3.84	43	1388238m	9.612	ppbv	
17) tert-Butyl alcohol	4.31	59	88387m	0.668	ppbv	
19) Isopropyl Alcohol	3.98	45	616761	7.945	ppbv #	37
20) Methylene Chloride	4.33	84	285330	3.686	ppbv	95
26) Hexane	5.67	57	193223	1.090	ppbv #	55
29) Chloroform	5.74	83	78295	0.313	ppbv	96
34) 2-Butanone	5.24	43	84172	0.573	ppbv #	90
35) Carbon Tetrachloride	7.00	117	15612	0.058	ppbv #	78
36) Benzene	6.88	78	52849	0.152	ppbv	95
38) Trichloroethene	7.82	130	33467m	0.225	ppbv	
53) Toluene	9.79	91	201321	0.487	ppbv	98
59) m/p-Xylene	12.95	91	70487m	0.166	ppbv	
61) Styrene	13.51	104	25658m	0.112	ppbv	
69) p-Isopropyltoluene	17.64	119	65880	0.107	ppbv #	91

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

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