

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL060221\
 Data File : VL037104.D
 Acq On : 2 Jun 2021 16:33
 Operator : SY/AP
 Sample : M2548-09DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9ADUP

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 3:00:37 PM

Quant Time: Jun 07 08:40:24 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	5.65	49	1367968	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3974353	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3576218	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2681825	9.98	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	54957	0.237	ppbv	93
3) Chlorodifluoromethane	2.96	51	196532m	0.784	ppbv	
4) Chloromethane	3.13	50	45577	0.534	ppbv	98
9) Propene	3.01	41	116474m	1.298	ppbv	
10) Heptane	8.10	43	22551m	0.101	ppbv	
11) Trichlorofluoromethane	3.93	101	47552	0.221	ppbv	96
13) Ethanol	3.61	45	19400205	1620.249	ppbv	97
15) Acetone	3.84	43	1295449m	9.245	ppbv	
17) tert-Butyl alcohol	4.30	59	81719	0.637	ppbv #	72
19) Isopropyl Alcohol	3.98	45	574803	7.632	ppbv #	38
20) Methylene Chloride	4.33	84	327935	4.366	ppbv	99
26) Hexane	5.67	57	223818	1.301	ppbv #	54
29) Chloroform	5.74	83	81829	0.337	ppbv	90
34) 2-Butanone	5.24	43	82639	0.571	ppbv #	86
35) Carbon Tetrachloride	7.00	117	15410m	0.058	ppbv	
36) Benzene	6.87	78	57237	0.167	ppbv #	90
38) Trichloroethene	7.82	130	34520	0.236	ppbv #	82
53) Toluene	9.79	91	197800	0.486	ppbv	98
59) m/p-Xylene	12.95	91	69195m	0.166	ppbv	
61) Styrene	13.51	104	27055	0.121	ppbv	90
69) p-Isopropyltoluene	17.64	119	68355m	0.113	ppbv	

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

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