

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037118.D
 Acq On : 3 Jun 2021 2:12
 Operator : SY/AP
 Sample : M2548-16
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-9A

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 3:01:26 PM

Quant Time: Jun 06 20:32:45 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	5.66	49	1407164	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4230704	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3804484	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2825318	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	71209	0.298	ppbv	90
11) Trichlorofluoromethane	3.94	101	53366	0.242	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	15180m	0.096	ppbv	
13) Ethanol	3.60	45	2160352	175.401	ppbv	92
15) Acetone	3.84	43	2667497	18.507	ppbv	96
17) tert-Butyl alcohol	4.30	59	85114	0.645	ppbv #	92
19) Isopropyl Alcohol	3.97	45	244952	3.162	ppbv #	46
20) Methylene Chloride	4.34	84	4078989	52.795	ppbv	94
26) Hexane	5.68	57	4139219	23.394	ppbv #	47
29) Chloroform	5.74	83	178313	0.713	ppbv	95
31) cis-1,2-Dichloroethene	5.54	61	33727m	0.213	ppbv	
34) 2-Butanone	5.24	43	243543	1.581	ppbv	96
35) Carbon Tetrachloride	7.01	117	30516m	0.109	ppbv	
38) Trichloroethene	7.83	130	12727867	81.646	ppbv	95
50) 4-Methyl-2-Pentanone	8.74	43	45073	0.177	ppbv	91
52) Tetrachloroethene	11.21	164	156327	1.079	ppbv	90
53) Toluene	9.80	91	206851	0.477	ppbv	97
59) m/p-Xylene	12.95	91	112888m	0.254	ppbv	
60) o-Xylene	13.67	91	54529m	0.129	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	106306	0.218	ppbv #	68
79) Naphthalene	22.18	128	39103m	0.102	ppbv	

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

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