

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037122.D
 Acq On : 3 Jun 2021 4:52
 Operator : SY/AP
 Sample : M2548-18
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-19A

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 3:01:34 PM

Quant Time: Jun 06 20:46:37 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	1341957	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3941332	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3541758	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2610463	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	74992	0.329	ppbv	97
4) Chloromethane	3.13	50	39917m	0.477	ppbv	
9) Propene	3.01	41	95097	1.080	ppbv #	76
10) Heptane	8.12	43	26204m	0.119	ppbv	
11) Trichlorofluoromethane	3.94	101	58407	0.277	ppbv	97
13) Ethanol	3.60	45	1475034	125.578	ppbv	96
15) Acetone	3.84	43	2423050	17.628	ppbv	95
17) tert-Butyl alcohol	4.30	59	94864	0.753	ppbv	98
19) Isopropyl Alcohol	3.97	45	324723	4.395	ppbv #	1
20) Methylene Chloride	4.34	84	1604440	21.776	ppbv	97
26) Hexane	5.68	57	825284	4.891	ppbv #	46
29) Chloroform	5.74	83	36001m	0.151	ppbv	
30) Cyclohexane	7.13	84	21030	0.147	ppbv #	23
32) 1,1,1-Trichloroethane	6.50	97	27399m	0.107	ppbv	
34) 2-Butanone	5.24	43	213701	1.489	ppbv	94
35) Carbon Tetrachloride	7.01	117	13271m	0.051	ppbv	
36) Benzene	6.88	78	88508	0.261	ppbv	95
38) Trichloroethene	7.82	130	7289m	0.050	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	75712m	0.130	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	79663m	0.336	ppbv	
52) Tetrachloroethene	11.20	164	4297m	0.032	ppbv	
53) Toluene	9.80	91	771284	1.909	ppbv	99
58) Ethyl Benzene	12.70	91	64544	0.129	ppbv	91
59) m/p-Xylene	12.96	91	195598m	0.473	ppbv	
60) o-Xylene	13.68	91	69189	0.176	ppbv	100
61) Styrene	13.52	104	34539m	0.156	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	68716	0.151	ppbv #	69
76) 1,4-Dichlorobenzene	17.13	146	41674m	0.149	ppbv	

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

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