

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037421.D
 Acq On : 12 Aug 2021 20:05
 Operator : SY/AP
 Sample : M3239-02RE
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1RE

Manual Integrations
 APPROVED

apatel
 8/13/2021 3:03:07 PM

Quant Time: Aug 13 10:47:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1372963	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4010652	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3363073	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2427969	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	52948	0.252	ppbv	95
3) Chlorodifluoromethane	2.99	51	219919	0.816	ppbv #	90
4) Chloromethane	3.14	50	49819m	0.514	ppbv	
9) Propene	3.02	41	91726m	1.013	ppbv	
10) Heptane	8.14	43	43368m	0.197	ppbv	
11) Trichlorofluoromethane	3.95	101	47896	0.211	ppbv	96
13) Ethanol	3.61	45	330146m	34.169	ppbv	
15) Acetone	3.85	43	1437281	9.871	ppbv	97
17) tert-Butyl alcohol	4.31	59	17337m	0.125	ppbv	
19) Isopropyl Alcohol	3.98	45	198406	2.341	ppbv #	92
20) Methylene Chloride	4.35	84	2866510	37.231	ppbv	98
26) Hexane	5.69	57	2614101	14.597	ppbv #	47
29) Chloroform	5.75	83	114324m	0.453	ppbv	
30) Cyclohexane	7.13	84	23212m	0.157	ppbv	
34) 2-Butanone	5.25	43	122564	0.740	ppbv #	89
35) Carbon Tetrachloride	7.02	117	12464m	0.050	ppbv	
36) Benzene	6.89	78	155396	0.460	ppbv #	94
44) 2,2,4-Trimethylpentane	7.88	57	143253m	0.253	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	20904m	0.100	ppbv	
51) 2-Hexanone	10.16	43	32024m	0.327	ppbv	
52) Tetrachloroethene	11.21	164	8400m	0.059	ppbv	
53) Toluene	9.80	91	610970	1.582	ppbv	98
58) Ethyl Benzene	12.71	91	61367	0.135	ppbv	94
59) m/p-Xylene	12.97	91	128673m	0.321	ppbv	
60) o-Xylene	13.69	91	40735m	0.109	ppbv	
61) Styrene	13.53	104	263581	1.401	ppbv	98
69) p-Isopropyltoluene	17.65	119	60400m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	84678m	0.202	ppbv	

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

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