

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036357.D
 Acq On : 24 Feb 2021 19:22
 Operator : SY/AP
 Sample : M1463-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-14

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:17:22 PM

Quant Time: Feb 26 14:08:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1681753	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	3754461	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3510785	10.00	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2828526	9.79	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	47748	0.190	ppbv	98
3) Chlorodifluoromethane	3.00	51	85878	0.411	ppbv #	86
4) Chloromethane	3.15	50	52457	0.520	ppbv	99
9) Propene	3.02	41	319839	4.105	ppbv #	79
10) Heptane	8.14	43	326177	1.421	ppbv	98
11) Trichlorofluoromethane	3.96	101	60541m	0.246	ppbv	
13) Ethanol	3.63	45	5822275	397.878	ppbv	91
15) Acetone	3.86	43	4718478	22.953	ppbv	100
17) tert-Butyl alcohol	4.33	59	113611m	0.712	ppbv	
19) Isopropyl Alcohol	4.00	45	6201899	54.454	ppbv #	97
20) Methylene Chloride	4.36	84	3805171	57.373	ppbv	94
26) Hexane	5.70	57	1183610	7.259	ppbv #	43
27) Carbon Disulfide	4.56	76	105737	0.706	ppbv #	84
29) Chloroform	5.77	83	831756	3.166	ppbv	97
30) Cyclohexane	7.15	84	48084m	0.355	ppbv	
34) 2-Butanone	5.27	43	246860	0.990	ppbv	99
35) Carbon Tetrachloride	7.03	117	24011m	0.095	ppbv	
36) Benzene	6.91	78	194114	0.609	ppbv	93
44) 2,2,4-Trimethylpentane	7.89	57	1687735	2.910	ppbv	91
52) Tetrachloroethene	11.24	164	15551m	0.133	ppbv	
53) Toluene	9.83	91	3072673	8.895	ppbv	99
58) Ethyl Benzene	12.73	91	944440	1.965	ppbv	99
59) m/p-Xylene	12.98	91	2408040	5.703	ppbv	96
60) o-Xylene	13.71	91	917203	2.272	ppbv	99
62) Isopropylbenzene	14.69	105	96685m	0.160	ppbv	
64) n-propylbenzene	15.58	120	74135m	0.498	ppbv	
65) tert-Butylbenzene	16.78	119	96298m	0.186	ppbv	
72) 4-Ethyltoluene	15.86	105	300804	0.669	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	219915m	0.505	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	895493	2.014	ppbv #	72

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

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