

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036350.D
 Acq On : 24 Feb 2021 14:36
 Operator : SY/AP
 Sample : M1463-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-8

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:16:57 PM

Quant Time: Feb 26 13:53:21 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	5.67	49	1713535	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	3632835	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3378653	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2771305	9.97	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	40303	0.158	ppbv	91
3) Chlorodifluoromethane	2.99	51	99389	0.467	ppbv #	83
4) Chloromethane	3.14	50	76706	0.746	ppbv	99
5) Vinyl Chloride	3.26	62	4374m	0.046	ppbv	
9) Propene	3.02	41	122163	1.539	ppbv	90
10) Heptane	8.13	43	306703	1.311	ppbv	97
11) Trichlorofluoromethane	3.95	101	60327	0.241	ppbv	94
13) Ethanol	3.62	45	3981619	267.046	ppbv	90
15) Acetone	3.85	43	1907034	9.105	ppbv	98
17) tert-Butyl alcohol	4.31	59	73186m	0.450	ppbv	
19) Isopropyl Alcohol	3.99	45	4366817	37.630	ppbv #	97
20) Methylene Chloride	4.35	84	1979892	29.299	ppbv	96
26) Hexane	5.69	57	655185	3.944	ppbv #	44
30) Cyclohexane	7.13	84	51704m	0.374	ppbv	
34) 2-Butanone	5.25	43	152085	0.630	ppbv	93
35) Carbon Tetrachloride	7.02	117	25190m	0.103	ppbv	
36) Benzene	6.90	78	211139	0.684	ppbv	96
38) Trichloroethene	7.85	130	8775m	0.079	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	1405071	2.504	ppbv #	91
52) Tetrachloroethene	11.24	164	16484m	0.146	ppbv	
53) Toluene	9.81	91	2718227	8.132	ppbv	99
58) Ethyl Benzene	12.72	91	668826	1.446	ppbv	99
59) m/p-Xylene	12.97	91	1667398	4.103	ppbv	94
60) o-Xylene	13.70	91	619130	1.593	ppbv	99
62) Isopropylbenzene	14.68	105	109999m	0.189	ppbv	
64) n-propylbenzene	15.58	120	68233m	0.476	ppbv	
70) n-Butylbenzene	18.56	91	91243m	0.153	ppbv	
72) 4-Ethyltoluene	15.85	105	231732	0.536	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.00	105	170330m	0.406	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	629749	1.472	ppbv #	72
79) Naphthalene	22.22	128	34427m	0.136	ppbv	

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

