

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036370.D
 Acq On : 25 Feb 2021 4:08
 Operator : SY/AP
 Sample : M1463-11
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-5

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:18:06 PM

Quant Time: Feb 26 14:36:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 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	1628836	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3586217	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3345003	10.00	ppbv	0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.43	95	2670691	9.70	ppbv	0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	33081	0.136	ppbv	92
3) Chlorodifluoromethane	2.99	51	59217m	0.293	ppbv	
4) Chloromethane	3.15	50	57152m	0.585	ppbv	
9) Propene	3.02	41	114496	1.517	ppbv	85
10) Heptane	8.13	43	314356	1.414	ppbv	98
11) Trichlorofluoromethane	3.95	101	52533m	0.221	ppbv	
13) Ethanol	3.63	45	6148170	433.798	ppbv	89
15) Acetone	3.85	43	2816043	14.144	ppbv	100
17) tert-Butyl alcohol	4.32	59	101439	0.656	ppbv #	92
19) Isopropyl Alcohol	3.99	45	7352357	66.652	ppbv #	97
20) Methylene Chloride	4.35	84	97949m	1.525	ppbv	
26) Hexane	5.69	57	302955	1.918	ppbv #	50
27) Carbon Disulfide	4.56	76	102236	0.704	ppbv #	90
30) Cyclohexane	7.14	84	40864	0.311	ppbv	91
34) 2-Butanone	5.25	43	122294	0.513	ppbv	93
35) Carbon Tetrachloride	7.03	117	14936m	0.062	ppbv	
36) Benzene	6.90	78	181506	0.596	ppbv	94
44) 2,2,4-Trimethylpentane	7.88	57	1936906	3.497	ppbv	90
52) Tetrachloroethene	11.23	164	9992m	0.090	ppbv	
53) Toluene	9.82	91	2609929	7.910	ppbv	100
58) Ethyl Benzene	12.72	91	687645	1.501	ppbv	98
59) m/p-Xylene	12.98	91	1643353	4.085	ppbv	95
60) o-Xylene	13.70	91	617010	1.604	ppbv	99
62) Isopropylbenzene	14.68	105	107320	0.186	ppbv	100
64) n-propylbenzene	15.57	120	87196m	0.614	ppbv	
70) n-Butylbenzene	18.57	91	81299m	0.138	ppbv	
72) 4-Ethyltoluene	15.85	105	217836	0.509	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.01	105	144267m	0.348	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	733931	1.732	ppbv #	69

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

