

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033001.D
 Acq On : 17 Dec 2018 18:34
 Operator : SY/AP
 Sample : J6382-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 P0068-IA002-181212-01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 1:59:57 PM

Quant Time: Dec 18 01:29:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1028247	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2413148	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2816018	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2069164	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	89814	0.654	ppbv	100
4) Chloromethane	3.17	50	55498	1.224	ppbv	94
9) Propene	3.05	41	248658m	8.075	ppbv	
10) Heptane	8.26	43	358317	3.098	ppbv	97
11) Trichlorofluoromethane	4.01	101	50540	0.391	ppbv	86
13) Ethanol	3.67	45	3040955	286.831	ppbv	96
15) Acetone	3.90	43	1566524	17.749	ppbv #	79
19) Isopropyl Alcohol	4.05	45	353926	6.386	ppbv #	1
20) Methylene Chloride	4.42	84	367780	8.526	ppbv	97
22) trans-1,2-Dichloroethene	4.97	96	141340	2.635	ppbv	97
26) Hexane	5.79	57	1217244	12.646	ppbv #	46
30) Cyclohexane	7.26	84	170437	2.136	ppbv	85
34) 2-Butanone	5.34	43	182436	1.736	ppbv	96
35) Carbon Tetrachloride	7.14	117	14857m	0.078	ppbv	
36) Benzene	7.01	78	1131782	6.377	ppbv	99
44) 2,2,4-Trimethylpentane	8.00	57	2537781	8.423	ppbv	95
50) 4-Methyl-2-Pentanone	8.90	43	47409m	0.282	ppbv	
52) Tetrachloroethene	11.39	164	55138m	0.854	ppbv	
53) Toluene	9.96	91	9031964	47.980	ppbv	96
58) Ethyl Benzene	12.88	91	1212309	4.036	ppbv	97
59) m/p-Xylene	13.13	91	4077358	14.971	ppbv #	100
60) o-Xylene	13.86	91	1268023	4.610	ppbv	99
61) Styrene	13.70	104	32487	0.178	ppbv	93
64) n-propylbenzene	15.73	120	53888	0.541	ppbv	91
72) 4-Ethyltoluene	16.01	105	421389	1.372	ppbv	98
73) 1,3,5-Trimethylbenzene	16.17	105	243026	0.811	ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	1172688	3.465	ppbv #	70
79) Naphthalene	22.43	128	44760m	0.205	ppbv	

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

