

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036104.D
 Acq On : 8 Dec 2020 21:08
 Operator : SY/AP
 Sample : L4949-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:17 PM

Quant Time: Dec 09 22:34:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1095484	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2614126	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2420038	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2092347	10.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	40051m	0.314	ppbv	
3) Chlorodifluoromethane	2.99	51	48737	0.390	ppbv	94
4) Chloromethane	3.14	50	29142	0.475	ppbv	98
9) Propene	3.01	41	231606m	3.699	ppbv	
10) Heptane	8.13	43	577547	3.612	ppbv	93
11) Trichlorofluoromethane	3.95	101	38614m	0.257	ppbv	
13) Ethanol	3.63	45	1388959	160.918	ppbv	85
15) Acetone	3.85	43	21491366	163.233	ppbv #	76
19) Isopropyl Alcohol	4.00	45	3296273m	40.962	ppbv	
20) Methylene Chloride	4.36	84	255134	4.729	ppbv	94
25) Ethyl Acetate	5.68	43	9002134	34.225	ppbv #	88
30) Cyclohexane	7.14	84	202093	2.324	ppbv	93
34) 2-Butanone	5.26	43	12095185	69.753	ppbv	94
35) Carbon Tetrachloride	7.03	117	8347m	0.055	ppbv	
36) Benzene	6.90	78	379014	1.711	ppbv	98
41) Tetrahydrofuran	6.05	42	3354328	32.562	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	4553387	11.349	ppbv #	89
50) 4-Methyl-2-Pentanone	8.76	43	2056022	7.951	ppbv	99
52) Tetrachloroethene	11.24	164	11597m	0.145	ppbv	
53) Toluene	9.84	91	21843002	87.804	ppbv #	75
58) Ethyl Benzene	12.73	91	4656330	14.040	ppbv	97
59) m/p-Xylene	12.99	91	12242924	43.829	ppbv	90
60) o-Xylene	13.71	91	4147696	15.760	ppbv	99
61) Styrene	13.55	104	240905	1.426	ppbv	97
62) Isopropylbenzene	14.69	105	502996	1.289	ppbv	98
64) n-propylbenzene	15.58	120	520275	5.543	ppbv	91
65) tert-Butylbenzene	16.79	119	780452	2.444	ppbv #	66
67) sec-Butylbenzene	17.32	105	201630m	0.451	ppbv	
70) n-Butylbenzene	18.58	91	367794m	1.047	ppbv	
72) 4-Ethyltoluene	15.86	105	2984911	10.470	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	2747813	10.092	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	6829388	24.987	ppbv #	71
79) Naphthalene	22.22	128	100778m	0.725	ppbv	

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

