

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036085.D
 Acq On : 8 Dec 2020 4:25
 Operator : SY/AP
 Sample : L4948-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5B

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:45:25 PM

Quant Time: Dec 08 21:28:32 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	1202861	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2576133	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2299488	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1922808	10.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	39414	0.281	ppbv	100
3) Chlorodifluoromethane	2.99	51	66290	0.483	ppbv	94
4) Chloromethane	3.14	50	36673m	0.544	ppbv	
9) Propene	3.02	41	613661m	8.926	ppbv	
10) Heptane	8.15	43	419925	2.392	ppbv	98
11) Trichlorofluoromethane	3.96	101	82026m	0.498	ppbv	
13) Ethanol	3.62	45	3243885	342.272	ppbv	85
15) Acetone	3.86	43	1729586m	11.964	ppbv	
20) Methylene Chloride	4.36	84	473305	7.990	ppbv	96
26) Hexane	5.71	57	929221	7.149	ppbv #	40
30) Cyclohexane	7.15	84	749276	7.847	ppbv	95
34) 2-Butanone	5.27	43	111107	0.650	ppbv	95
35) Carbon Tetrachloride	7.04	117	10127m	0.067	ppbv	
36) Benzene	6.91	78	258896	1.186	ppbv	93
44) 2,2,4-Trimethylpentane	7.89	57	646615	1.635	ppbv #	82
52) Tetrachloroethene	11.25	164	3791m	0.048	ppbv	
53) Toluene	9.83	91	1541397	6.287	ppbv	99
58) Ethyl Benzene	12.74	91	797005	2.529	ppbv	96
59) m/p-Xylene	12.99	91	2915155	10.983	ppbv	97
60) o-Xylene	13.72	91	1136944	4.546	ppbv	99
64) n-propylbenzene	15.59	120	24490m	0.275	ppbv	
70) n-Butylbenzene	18.59	91	50338m	0.151	ppbv	
72) 4-Ethyltoluene	15.88	105	143104m	0.528	ppbv	
73) 1,3,5-Trimethylbenzene	16.03	105	115343	0.446	ppbv	97
74) 1,2,4-Trimethylbenzene	16.79	105	427831	1.647	ppbv #	67
79) Naphthalene	22.25	128	90166m	0.683	ppbv	

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

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