

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036122.D
 Acq On : 9 Dec 2020 8:43
 Operator : SY/AP
 Sample : L4948-14 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6B

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:41:23 PM

Quant Time: Dec 10 21:47:28 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	5.67	49	1288774	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2579501	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2270144	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2030116	11.26	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.60%

Target Compounds

						Ovalue
3) Chlorodifluoromethane	2.99	51	67839	0.461	ppbv #	76
4) Chloromethane	3.15	50	20241m	0.280	ppbv	
9) Propene	3.02	41	212747	2.888	ppbv #	70
10) Heptane	8.13	43	131478	0.699	ppbv	97
11) Trichlorofluoromethane	3.95	101	64166	0.363	ppbv	87
13) Ethanol	3.61	45	1289950m	127.033	ppbv	
15) Acetone	3.85	43	1807237	11.668	ppbv	95
19) Isopropyl Alcohol	3.98	45	112271	1.186	ppbv #	100
20) Methylene Chloride	4.35	84	129453	2.040	ppbv	94
24) 1,1-Dichloroethane	5.01	63	28403	0.196	ppbv #	89
26) Hexane	5.69	57	166550	1.196	ppbv #	48
29) Chloroform	5.77	83	20883m	0.114	ppbv	
30) Cyclohexane	7.14	84	297173	2.905	ppbv	94
32) 1,1,1-Trichloroethane	6.52	97	9955942	52.758	ppbv	94
34) 2-Butanone	5.25	43	324875	1.899	ppbv	100
35) Carbon Tetrachloride	7.03	117	22347m	0.149	ppbv	
36) Benzene	6.90	78	677750	3.100	ppbv	96
38) Trichloroethene	7.85	130	34069m	0.417	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	73693m	0.186	ppbv	
52) Tetrachloroethene	11.23	164	156252	1.974	ppbv	90
53) Toluene	9.82	91	230970	0.941	ppbv	99
58) Ethyl Benzene	12.73	91	282586	0.908	ppbv	99
59) m/p-Xylene	12.98	91	1200861	4.583	ppbv	98
60) o-Xylene	13.71	91	449977	1.823	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	75451m	0.294	ppbv	

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

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