

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036159.D
 Acq On : 11 Dec 2020 11:20
 Operator : SY/AP
 Sample : L4948-15
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3B

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 7:23:27 PM

Quant Time: Dec 14 22:06:12 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	5.65	49	1310458	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2544357	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2301381	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2016307	11.03	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.30%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.03	85	40302	0.264	ppbv	93
3) Chlorodifluoromethane	2.95	51	180735	1.209	ppbv #	74
4) Chloromethane	3.12	50	35185m	0.479	ppbv	
9) Propene	3.01	41	161627m	2.158	ppbv	
10) Heptane	8.11	43	272247	1.423	ppbv	96
11) Trichlorofluoromethane	3.94	101	73635	0.410	ppbv	98
13) Ethanol	3.59	45	551123	53.376	ppbv	85
15) Acetone	3.83	43	2276722	14.456	ppbv	95
19) Isopropyl Alcohol	3.96	45	210715m	2.189	ppbv	
20) Methylene Chloride	4.33	84	183105	2.837	ppbv	99
26) Hexane	5.67	57	170762	1.206	ppbv #	45
30) Cyclohexane	7.11	84	651795	6.266	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	152312m	0.794	ppbv	
34) 2-Butanone	5.24	43	177825	1.054	ppbv	99
36) Benzene	6.88	78	127887	0.593	ppbv	94
52) Tetrachloroethene	11.21	164	1075559	13.779	ppbv	95
53) Toluene	9.79	91	243064	1.004	ppbv	97
58) Ethyl Benzene	12.70	91	625408	1.983	ppbv	99
59) m/p-Xylene	12.95	91	2635913	9.923	ppbv	99
60) o-Xylene	13.68	91	1015131	4.056	ppbv	97
62) Isopropylbenzene	14.66	105	71129m	0.192	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	28686m	0.111	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	118923m	0.458	ppbv	

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

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