

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036148.D
 Acq On : 11 Dec 2020 4:09
 Operator : SY/AP
 Sample : L5005-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 48-2

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 22:36:47 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	1303049	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2613087	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2322104	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1995423	10.82	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	43662m	0.288	ppbv	
3) Chlorodifluoromethane	2.97	51	152925	1.029	ppbv #	84
4) Chloromethane	3.13	50	66136m	0.906	ppbv	
9) Propene	3.00	41	445432	5.981	ppbv	89
10) Heptane	8.10	43	32466m	0.171	ppbv	
11) Trichlorofluoromethane	3.93	101	42386	0.237	ppbv #	82
13) Ethanol	3.60	45	6133122	597.368	ppbv	85
15) Acetone	3.84	43	1919111	12.254	ppbv	95
20) Methylene Chloride	4.33	84	1122094	17.485	ppbv	94
25) Ethyl Acetate	5.66	43	1090598	3.486	ppbv #	94
26) Hexane	5.67	57	773298	5.492	ppbv #	64
29) Chloroform	5.74	83	51084m	0.276	ppbv	
34) 2-Butanone	5.24	43	69225	0.399	ppbv	94
35) Carbon Tetrachloride	7.00	117	13811m	0.091	ppbv	
36) Benzene	6.88	78	64452	0.291	ppbv #	87
44) 2,2,4-Trimethylpentane	7.86	57	50268	0.125	ppbv #	69
52) Tetrachloroethene	11.21	164	15098m	0.188	ppbv	
53) Toluene	9.79	91	362167	1.456	ppbv	99
58) Ethyl Benzene	12.70	91	38790m	0.122	ppbv	
59) m/p-Xylene	12.96	91	114124m	0.426	ppbv	
60) o-Xylene	13.68	91	45124m	0.179	ppbv	

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

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