

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036184.D
 Acq On : 17 Dec 2020 2:27
 Operator : SY/AP
 Sample : L5041-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 12/17/2020 3:56:53 PM

Quant Time: Dec 17 07:40:52 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 2020

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	1362400	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2606395	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2321185	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2113080	11.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	46671	0.294	ppbv	98
3) Chlorodifluoromethane	3.00	51	55080	0.354	ppbv	98
4) Chloromethane	3.15	50	41999	0.550	ppbv	94
9) Propene	3.02	41	47696m	0.613	ppbv	
11) Trichlorofluoromethane	3.96	101	43516	0.233	ppbv	91
13) Ethanol	3.61	45	177831m	16.566	ppbv	
15) Acetone	3.86	43	609203	3.721	ppbv	97
19) Isopropyl Alcohol	3.98	45	483822m	4.834	ppbv	
20) Methylene Chloride	4.35	84	184238	2.746	ppbv	92
24) 1,1-Dichloroethane	5.03	63	15584m	0.102	ppbv	
26) Hexane	5.70	57	186673	1.268	ppbv #	39
32) 1,1,1-Trichloroethane	6.53	97	7754m	0.039	ppbv	
34) 2-Butanone	5.27	43	25335m	0.147	ppbv	
35) Carbon Tetrachloride	7.03	117	11328m	0.075	ppbv	
36) Benzene	6.91	78	28740m	0.130	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	65593m	0.164	ppbv	
53) Toluene	9.83	91	57383	0.231	ppbv	96
59) m/p-Xylene	12.99	91	45745m	0.171	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	45879m	0.175	ppbv	

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

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