

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036199.D
 Acq On : 23 Dec 2020 19:32
 Operator : SY/AP
 Sample : L5196-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG1

Manual Integrations
 APPROVED

MMDadoda
 12/26/2020 1:36:22 PM

Quant Time: Dec 25 23:43:35 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	5.64	49	1181779	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2286047	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2095805	10.00	ppbv	-0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1916841	11.52	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	115.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	18932	0.137	ppbv	91
3) Chlorodifluoromethane	2.96	51	84262	0.625	ppbv #	87
4) Chloromethane	3.12	50	32667	0.493	ppbv	97
9) Propene	3.00	41	87186	1.291	ppbv #	75
11) Trichlorofluoromethane	3.93	101	54872	0.339	ppbv	87
13) Ethanol	3.58	45	551727	59.253	ppbv	88
15) Acetone	3.83	43	617514m	4.348	ppbv	
17) tert-Butyl alcohol	4.28	59	73712	0.536	ppbv #	87
19) Isopropyl Alcohol	3.95	45	494710m	5.699	ppbv	
20) Methylene Chloride	4.32	84	67388m	1.158	ppbv	
26) Hexane	5.66	57	122010m	0.955	ppbv	
34) 2-Butanone	5.23	43	96247m	0.635	ppbv	
35) Carbon Tetrachloride	6.99	117	9680m	0.073	ppbv	
36) Benzene	6.86	78	105255m	0.543	ppbv	
44) 2,2,4-Trimethylpentane	7.83	57	70782m	0.202	ppbv	
52) Tetrachloroethene	11.20	164	2674m	0.038	ppbv	
53) Toluene	9.78	91	278785	1.281	ppbv	98
58) Ethyl Benzene	12.68	91	77467m	0.270	ppbv	
59) m/p-Xylene	12.94	91	201409m	0.833	ppbv	
60) o-Xylene	13.66	91	74026m	0.325	ppbv	
61) Styrene	13.51	104	81323m	0.556	ppbv	
62) Isopropylbenzene	14.64	105	2987934	8.844	ppbv	96
74) 1,2,4-Trimethylbenzene	16.74	105	72566m	0.307	ppbv	
79) Naphthalene	22.18	128	33891m	0.282	ppbv	

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

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