

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036009.D
 Acq On : 25 Nov 2020 00:58
 Operator : SY/AP
 Sample : L4883-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:16:09 PM

Quant Time: Nov 25 07:27:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1138148	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4003100	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3732603	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2972963	11.21	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	49577	0.231	ppbv	95
4) Chloromethane	3.12	50	39472	0.596	ppbv	95
9) Propene	3.00	41	48325	0.969	ppbv	87
11) Trichlorofluoromethane	3.93	101	74913	0.278	ppbv	97
13) Ethanol	3.61	45	10850297	1002.564	ppbv	100
15) Acetone	3.82	43	2912353	23.935	ppbv	97
17) tert-Butyl alcohol	4.31	59	148296	0.920	ppbv #	94
19) Isopropyl Alcohol	3.98	45	10626262	142.109	ppbv #	96
20) Methylene Chloride	4.32	84	677849	7.913	ppbv	98
26) Hexane	5.66	57	259840	1.966	ppbv #	67
30) Cyclohexane	7.13	84	33123m	0.230	ppbv	
34) 2-Butanone	5.22	43	147836	1.138	ppbv	96
35) Carbon Tetrachloride	7.00	117	13800m	0.065	ppbv	
36) Benzene	6.86	78	78064	0.262	ppbv	94
52) Tetrachloroethene	11.19	164	7883m	0.056	ppbv	
53) Toluene	9.78	91	516864	1.439	ppbv	97
59) m/p-Xylene	12.94	91	100367	0.261	ppbv	100
60) o-Xylene	13.67	91	57700	0.154	ppbv	97
61) Styrene	13.50	104	45920m	0.168	ppbv	
65) tert-Butylbenzene	16.74	119	86162m	0.161	ppbv	
69) p-Isopropyltoluene	17.63	119	79018	0.133	ppbv	97
73) 1,3,5-Trimethylbenzene	15.97	105	146283	0.352	ppbv	88
74) 1,2,4-Trimethylbenzene	16.73	105	707301	1.590	ppbv #	68

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

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