

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035874.D
 Acq On : 6 Nov 2020 00:25
 Operator : SY/AP
 Sample : L4618-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:47:44 AM

Quant Time: Nov 08 14:22:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.66	49	1103280	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4037928	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3838365	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2785423	10.21	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	49694	0.239	ppbv	94
3) Chlorodifluoromethane	2.96	51	42398	0.321	ppbv	96
4) Chloromethane	3.12	50	31979	0.498	ppbv	95
9) Propene	3.00	41	1907431m	39.444	ppbv	
10) Heptane	8.10	43	223842	1.676	ppbv	99
11) Trichlorofluoromethane	3.93	101	60769	0.233	ppbv	95
13) Ethanol	3.59	45	117244	11.176	ppbv	97
15) Acetone	3.83	43	25082186	212.650	ppbv #	60
20) Methylene Chloride	4.33	84	144892	1.745	ppbv	98
26) Hexane	5.66	57	127211	0.993	ppbv #	46
29) Chloroform	5.74	83	164510	0.653	ppbv	94
30) Cyclohexane	7.11	84	26563	0.190	ppbv #	87
34) 2-Butanone	5.23	43	30634	0.234	ppbv	98
35) Carbon Tetrachloride	7.00	117	13092m	0.061	ppbv	
36) Benzene	6.88	78	142571	0.475	ppbv	94
44) 2,2,4-Trimethylpentane	7.85	57	206447	0.520	ppbv #	82
50) 4-Methyl-2-Pentanone	8.73	43	64640	0.323	ppbv	100
52) Tetrachloroethene	11.20	164	116113	0.816	ppbv	96
53) Toluene	9.79	91	15777829	43.558	ppbv #	80
58) Ethyl Benzene	12.69	91	1281496	2.741	ppbv	93
59) m/p-Xylene	12.95	91	4197089	10.612	ppbv	97
60) o-Xylene	13.67	91	1274774	3.313	ppbv	97
61) Styrene	13.51	104	43525m	0.154	ppbv	
64) n-propylbenzene	15.55	120	27406m	0.157	ppbv	
72) 4-Ethyltoluene	15.82	105	164365	0.352	ppbv	96
73) 1,3,5-Trimethylbenzene	15.98	105	136432	0.319	ppbv	88
74) 1,2,4-Trimethylbenzene	16.74	105	444147	0.971	ppbv #	68

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

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