

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034891.D
 Acq On : 16 Mar 2020 15:26
 Operator : SY/AP
 Sample : L1924-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-02

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:15:50 PM

Quant Time: Mar 17 05:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	920158	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1997706	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1945932	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1595410	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	87842	0.697	ppbv	93
3) Chlorodifluoromethane	2.94	51	40026m	0.389	ppbv	
4) Chloromethane	3.10	50	29976	0.516	ppbv #	85
9) Propene	2.98	41	70798m	1.443	ppbv	
10) Heptane	8.11	43	25383m	0.210	ppbv	
11) Trichlorofluoromethane	3.92	101	36573	0.273	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	17826	0.190	ppbv	92
13) Ethanol	3.57	45	550662	36.908	ppbv	94
15) Acetone	3.82	43	644303m	5.402	ppbv	
19) Isopropyl Alcohol	3.94	45	175288	2.327	ppbv #	45
20) Methylene Chloride	4.31	84	110751	2.937	ppbv	91
26) Hexane	5.67	57	178610	1.952	ppbv #	62
30) Cyclohexane	7.12	84	12294m	0.161	ppbv	
34) 2-Butanone	5.22	43	50412	0.380	ppbv #	91
35) Carbon Tetrachloride	7.01	117	9898m	0.080	ppbv	
36) Benzene	6.88	78	76544	0.430	ppbv	97
38) Trichloroethene	7.83	130	6329m	0.094	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	132126	0.439	ppbv #	83
52) Tetrachloroethene	11.24	164	7498m	0.106	ppbv	
53) Toluene	9.81	91	862152	4.193	ppbv	100
59) m/p-Xylene	12.98	91	60497m	0.274	ppbv	
60) o-Xylene	13.70	91	26167	0.121	ppbv	98
61) Styrene	13.55	104	19507m	0.129	ppbv	

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

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