

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\
 Data File : VL034529.D
 Acq On : 31 Dec 2019 2:27
 Operator : SY/AP
 Sample : K6470-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 27-1

Manual Integrations
 APPROVED

apatel
 1/2/2020 12:32:08 PM

Quant Time: Jan 01 12:57:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 3
 QLast Update : Mon Dec 30 14:58:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	884069	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1815433	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1781790	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1503480	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	88189	0.633	ppbv	99
3) Chlorodifluoromethane	2.95	51	49373m	0.469	ppbv	
4) Chloromethane	3.11	50	42395	0.678	ppbv	88
9) Propene	2.99	41	95651m	2.355	ppbv	
10) Heptane	8.15	43	34713m	0.331	ppbv	
11) Trichlorofluoromethane	3.93	101	39117	0.242	ppbv	84
13) Ethanol	3.59	45	344852	30.605	ppbv	98
15) Acetone	3.83	43	1145482m	8.878	ppbv	
19) Isopropyl Alcohol	3.96	45	120948m	1.448	ppbv	
20) Methylene Chloride	4.33	84	27683	0.545	ppbv	84
26) Hexane	5.69	57	74000	0.872	ppbv #	44
30) Cyclohexane	7.15	84	20580m	0.326	ppbv	
34) 2-Butanone	5.25	43	73774	0.569	ppbv	97
35) Carbon Tetrachloride	7.04	117	10857m	0.066	ppbv	
36) Benzene	6.91	78	102943	0.651	ppbv #	90
44) 2,2,4-Trimethylpentane	7.89	57	152472	0.521	ppbv #	82
52) Tetrachloroethene	11.28	164	3129m	0.051	ppbv	
53) Toluene	9.85	91	196915m	1.133	ppbv	
58) Ethyl Benzene	12.75	91	36709m	0.153	ppbv	
59) m/p-Xylene	13.02	91	123687m	0.589	ppbv	
60) o-Xylene	13.74	91	31885m	0.151	ppbv	
74) 1,2,4-Trimethylbenzene	16.82	105	27375	0.111	ppbv #	71

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

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