

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034482.D
 Acq On : 10 Dec 2019 2:47
 Operator : SY/AP
 Sample : K6181-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1A-2

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:13:06 PM

Quant Time: Dec 11 11:47:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	847673	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1723616	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1717461	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1479486	10.24	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	30676	0.200	ppbv	89
3) Chlorodifluoromethane	2.96	51	299803	2.835	ppbv	98
4) Chloromethane	3.11	50	31192	0.500	ppbv #	86
9) Propene	2.98	41	252342	5.374	ppbv	92
10) Heptane	8.15	43	191955	1.584	ppbv	99
11) Trichlorofluoromethane	3.93	101	47565m	0.312	ppbv	
13) Ethanol	3.59	45	734289	56.139	ppbv	97
15) Acetone	3.83	43	879492	7.246	ppbv #	83
19) Isopropyl Alcohol	3.96	45	207397	2.666	ppbv #	1
20) Methylene Chloride	4.33	84	199390	4.632	ppbv	91
26) Hexane	5.69	57	423633	4.552	ppbv #	42
30) Cyclohexane	7.16	84	64200m	0.912	ppbv	
34) 2-Butanone	5.25	43	190881	1.345	ppbv	98
35) Carbon Tetrachloride	7.03	117	8563m	0.058	ppbv	
36) Benzene	6.91	78	616427	3.578	ppbv	96
38) Trichloroethene	7.87	130	45631	0.645	ppbv	89
41) Tetrahydrofuran	6.07	42	34063	0.428	ppbv	98
44) 2,2,4-Trimethylpentane	7.90	57	516761	1.641	ppbv #	84
52) Tetrachloroethene	11.27	164	16307m	0.219	ppbv	
53) Toluene	9.84	91	1752635	8.955	ppbv	99
58) Ethyl Benzene	12.76	91	506616	1.901	ppbv	94
59) m/p-Xylene	13.01	91	1436160	6.234	ppbv	100
60) o-Xylene	13.74	91	437500	1.921	ppbv	97
72) 4-Ethyltoluene	15.90	105	110459	0.420	ppbv	98
73) 1,3,5-Trimethylbenzene	16.06	105	92861	0.360	ppbv	88
74) 1,2,4-Trimethylbenzene	16.82	105	320108	1.170	ppbv #	66

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

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