

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112519\
 Data File : VL034407.D
 Acq On : 25 Nov 2019 15:43
 Operator : SY/AP
 Sample : K5971-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:03:36 AM

Quant Time: Nov 29 12:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 1
 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	5.68	49	983939	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2002962	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1911633	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1648214	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	92781	0.521	ppbv	89
3) Chlorodifluoromethane	2.96	51	33962m	0.277	ppbv	
4) Chloromethane	3.11	50	54887	0.758	ppbv	91
9) Propene	2.99	41	42299	0.776	ppbv #	80
10) Heptane	8.15	43	113188	0.805	ppbv	98
11) Trichlorofluoromethane	3.94	101	39767	0.224	ppbv #	68
13) Ethanol	3.60	45	2052078	135.160	ppbv	96
15) Acetone	3.83	43	2409642	17.103	ppbv	96
17) tert-Butyl alcohol	4.32	59	44240m	0.374	ppbv	
19) Isopropyl Alcohol	3.98	45	15710691m	173.962	ppbv	
20) Methylene Chloride	4.34	84	58709	1.175	ppbv	98
26) Hexane	5.69	57	68727	0.636	ppbv #	14
29) Chloroform	5.76	83	55879	0.319	ppbv	98
30) Cyclohexane	7.14	84	14152m	0.173	ppbv	
34) 2-Butanone	5.25	43	139519	0.846	ppbv	99
35) Carbon Tetrachloride	7.03	117	9778m	0.057	ppbv	
36) Benzene	6.91	78	46386	0.232	ppbv	97
52) Tetrachloroethene	11.27	164	6645m	0.077	ppbv	
53) Toluene	9.85	91	187258	0.823	ppbv	100
59) m/p-Xylene	13.02	91	85245m	0.332	ppbv	
60) o-Xylene	13.74	91	34950m	0.138	ppbv	
74) 1,2,4-Trimethylbenzene	16.82	105	33982m	0.112	ppbv	
76) 1,4-Dichlorobenzene	17.20	146	68560	0.403	ppbv	95
79) Naphthalene	22.28	128	70357m	0.266	ppbv	

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

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