

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112519\
 Data File : VL034404.D
 Acq On : 25 Nov 2019 13:43
 Operator : SY/AP
 Sample : K5971-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1

Manual Integrations
 APPROVED

apatel
 12/2/2019 9:19:42 AM

Quant Time: Nov 29 11:56:31 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	972385	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1907304	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1886615	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1610221	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	112638	0.640	ppbv	99
4) Chloromethane	3.11	50	48743	0.681	ppbv	95
9) Propene	3.00	41	89212m	1.656	ppbv	
10) Heptane	8.15	43	138279	0.995	ppbv	99
11) Trichlorofluoromethane	3.94	101	39741	0.227	ppbv	84
13) Ethanol	3.62	45	10080979	671.875	ppbv	86
15) Acetone	3.83	43	2710093	19.464	ppbv	98
19) Isopropyl Alcohol	4.00	45	3097346m	34.704	ppbv	
20) Methylene Chloride	4.34	84	84604	1.713	ppbv	96
26) Hexane	5.69	57	91129	0.854	ppbv #	1
29) Chloroform	5.76	83	50105	0.290	ppbv	95
30) Cyclohexane	7.15	84	19348	0.240	ppbv #	85
34) 2-Butanone	5.25	43	80882	0.515	ppbv	97
35) Carbon Tetrachloride	7.05	117	11639m	0.071	ppbv	
36) Benzene	6.91	78	53524	0.281	ppbv #	84
44) 2,2,4-Trimethylpentane	7.90	57	53213	0.153	ppbv #	73
52) Tetrachloroethene	11.27	164	8928m	0.108	ppbv	
53) Toluene	9.85	91	745191	3.441	ppbv	97
58) Ethyl Benzene	12.76	91	35459	0.121	ppbv #	82
59) m/p-Xylene	13.02	91	94704m	0.374	ppbv	
60) o-Xylene	13.75	91	36397m	0.145	ppbv	
74) 1,2,4-Trimethylbenzene	16.83	105	37356m	0.124	ppbv	
76) 1,4-Dichlorobenzene	17.21	146	146454m	0.873	ppbv	
79) Naphthalene	22.29	128	32515m	0.125	ppbv	

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

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