

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034446.D
 Acq On : 3 Dec 2019 3:54
 Operator : SY/AP
 Sample : K6097-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3A

Manual Integrations
 APPROVED

apatel
 12/4/2019 4:48:29 PM

Quant Time: Dec 03 06:22:47 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	5.69	49	750572	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1462989	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1422485	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1229631	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	169869	1.251	ppbv	94
3) Chlorodifluoromethane	2.97	51	42694m	0.456	ppbv	
4) Chloromethane	3.12	50	25585	0.463	ppbv	100
9) Propene	3.00	41	75632m	1.819	ppbv	
10) Heptane	8.16	43	20391m	0.190	ppbv	
11) Trichlorofluoromethane	3.95	101	36631	0.271	ppbv #	78
13) Ethanol	3.61	45	2419507m	208.910	ppbv	
15) Acetone	3.84	43	780179	7.259	ppbv	98
19) Isopropyl Alcohol	3.99	45	13962093	202.668	ppbv #	99
20) Methylene Chloride	4.35	84	67352	1.767	ppbv	90
26) Hexane	5.71	57	64203	0.779	ppbv #	67
29) Chloroform	5.77	83	17611m	0.132	ppbv	
34) 2-Butanone	5.26	43	116607	0.968	ppbv	95
35) Carbon Tetrachloride	7.05	117	10735m	0.085	ppbv	
36) Benzene	6.92	78	37043	0.253	ppbv #	89
38) Trichloroethene	7.88	130	35817	0.597	ppbv	89
44) 2,2,4-Trimethylpentane	7.91	57	35708	0.134	ppbv #	83
53) Toluene	9.85	91	172546	1.039	ppbv	98
59) m/p-Xylene	13.03	91	64150m	0.336	ppbv	
60) o-Xylene	13.76	91	24116m	0.128	ppbv	
74) 1,2,4-Trimethylbenzene	16.83	105	28250m	0.125	ppbv	

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

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