

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
 Data File : VL033477.D
 Acq On : 27 Mar 2019 20:47
 Operator : SY/AP
 Sample : K2042-13
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-1-M.ELE.RM

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:25:55 AM

Quant Time: Mar 31 11:19:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	664480	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1565158	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1649438	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1319860	10.21	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	26547	0.274	ppbv	100
3) Chlorodifluoromethane	3.01	51	21275m	0.278	ppbv	
4) Chloromethane	3.17	50	23632m	0.584	ppbv	
9) Propene	3.04	41	31663m	0.986	ppbv	
11) Trichlorofluoromethane	4.00	101	31608	0.265	ppbv	99
13) Ethanol	3.64	45	551462	66.335	ppbv	65
15) Acetone	3.90	43	451017	5.645	ppbv	97
19) Isopropyl Alcohol	4.02	45	132968	2.631	ppbv #	93
20) Methylene Chloride	4.40	84	74134	2.186	ppbv	94
26) Hexane	5.77	57	97505	1.479	ppbv #	43
34) 2-Butanone	5.33	43	42571	0.453	ppbv	95
35) Carbon Tetrachloride	7.13	117	7627	0.069	ppbv #	74
36) Benzene	6.99	78	37648m	0.287	ppbv	
52) Tetrachloroethene	11.36	164	6949m	0.140	ppbv	
53) Toluene	9.94	91	512982	3.361	ppbv	100
59) m/p-Xylene	13.12	91	62364m	0.317	ppbv	
60) o-Xylene	13.84	91	20472	0.108	ppbv	95
74) 1,2,4-Trimethylbenzene	16.92	105	25925m	0.118	ppbv	

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

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