

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033948.D
 Acq On : 24 Jun 2019 22:37
 Operator : SY/AP
 Sample : K3481-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-C-1

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:47 AM

Quant Time: Jun 25 04:54:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	1004279	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.27	114	2528055	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2552916	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.54	95	2012210	9.60	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	54623	0.335	ppbv	99
3) Chlorodifluoromethane	3.00	51	137650m	1.164	ppbv	
4) Chloromethane	3.16	50	24915	0.369	ppbv	91
11) Trichlorofluoromethane	3.99	101	58544	0.278	ppbv	95
13) Ethanol	3.64	45	67508	4.690	ppbv	99
15) Acetone	3.89	43	1374345	9.383	ppbv	97
17) tert-Butyl alcohol	4.37	59	16924m	0.148	ppbv	
19) Isopropyl Alcohol	4.03	45	44430	0.531	ppbv #	94
20) Methylene Chloride	4.39	84	64328	1.126	ppbv	92
26) Hexane	5.76	57	150914	1.486	ppbv #	42
34) 2-Butanone	5.32	43	115819	0.812	ppbv	99
35) Carbon Tetrachloride	7.11	117	11407m	0.058	ppbv	
36) Benzene	6.98	78	21592m	0.112	ppbv	
52) Tetrachloroethene	11.34	164	11780m	0.173	ppbv	
53) Toluene	9.91	91	1977165	9.252	ppbv	99
58) Ethyl Benzene	12.84	91	292694	1.017	ppbv	98
59) m/p-Xylene	13.09	91	1212890	4.634	ppbv	97
60) o-Xylene	13.82	91	394023	1.458	ppbv	100
74) 1,2,4-Trimethylbenzene	16.89	105	54560	0.156	ppbv #	76

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

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