

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036566.D
 Acq On : 30 Mar 2021 12:19
 Operator : SY/AP
 Sample : M1868-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 10:58:00 AM

Quant Time: Mar 31 16:22:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1374364	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3098412	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2775518	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2259804	10.22	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	57641	0.257	ppbv	98
3) Chlorodifluoromethane	2.98	51	64887	0.253	ppbv	93
4) Chloromethane	3.12	50	44723	0.493	ppbv	90
9) Propene	3.00	41	104464m	1.276	ppbv	
11) Trichlorofluoromethane	3.93	101	60811m	0.266	ppbv	
13) Ethanol	3.58	45	498373m	51.124	ppbv	
15) Acetone	3.83	43	1147038m	8.480	ppbv	
19) Isopropyl Alcohol	3.95	45	261320	3.512	ppbv #	1
20) Methylene Chloride	4.32	84	491577	7.762	ppbv	97
26) Hexane	5.66	57	568861	3.812	ppbv #	50
29) Chloroform	5.72	83	33759m	0.141	ppbv	
34) 2-Butanone	5.22	43	127881	0.846	ppbv	99
35) Carbon Tetrachloride	6.99	117	14446m	0.061	ppbv	
36) Benzene	6.86	78	48265m	0.169	ppbv	
52) Tetrachloroethene	11.19	164	7202m	0.068	ppbv	
53) Toluene	9.78	91	521689	1.714	ppbv	97
58) Ethyl Benzene	12.69	91	135677m	0.336	ppbv	
59) m/p-Xylene	12.94	91	218309m	0.620	ppbv	
60) o-Xylene	13.67	91	95073	0.279	ppbv	99
61) Styrene	13.51	104	88070m	0.514	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	71680m	0.192	ppbv	

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

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