

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036582.D
 Acq On : 30 Mar 2021 23:07
 Operator : SY/AP
 Sample : M1797-08
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-10(2021)

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 10:59:33 AM

Quant Time: Mar 31 21:31:26 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	1359023	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3252057	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2941532	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2306118	9.84	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	51017	0.230	ppbv	91
3) Chlorodifluoromethane	2.98	51	83986m	0.331	ppbv	
4) Chloromethane	3.13	50	33809	0.377	ppbv	99
9) Propene	3.01	41	64508m	0.797	ppbv	
11) Trichlorofluoromethane	3.94	101	54585	0.242	ppbv	91
13) Ethanol	3.61	45	1367023	141.815	ppbv	95
15) Acetone	3.83	43	8085671	60.449	ppbv	100
17) tert-Butyl alcohol	4.29	59	139785	1.200	ppbv #	94
19) Isopropyl Alcohol	3.97	45	543693	7.389	ppbv #	1
20) Methylene Chloride	4.33	84	2731214	43.611	ppbv	93
26) Hexane	5.67	57	5182879	35.121	ppbv #	47
27) Carbon Disulfide	4.53	76	32302m	0.222	ppbv	
29) Chloroform	5.74	83	113617m	0.481	ppbv	
30) Cyclohexane	7.11	84	42788m	0.358	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	37576m	0.158	ppbv	
34) 2-Butanone	5.23	43	284365	1.791	ppbv	99
35) Carbon Tetrachloride	7.00	117	13360m	0.053	ppbv	
36) Benzene	6.87	78	71859m	0.240	ppbv	
38) Trichloroethene	7.81	130	3462m	0.030	ppbv	
43) Methyl Methacrylate	8.00	69	68411m	0.679	ppbv	
52) Tetrachloroethene	11.20	164	85416	0.773	ppbv	87
53) Toluene	9.79	91	168297m	0.527	ppbv	
59) m/p-Xylene	12.95	91	96392m	0.258	ppbv	
60) o-Xylene	13.67	91	38814m	0.108	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	85923	0.218	ppbv #	65

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

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