

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091721\
 Data File : VL037644.D
 Acq On : 17 Sep 2021 16:42
 Operator : SY/AP
 Sample : M3801-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:28:35 PM

Quant Time: Sep 18 09:17:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1411440	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3971872	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3471884	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2545492	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	54373m	0.213	ppbv	
3) Chlorodifluoromethane	2.98	51	232731m	0.874	ppbv	
4) Chloromethane	3.13	50	57333	0.583	ppbv	92
9) Propene	3.01	41	82088	0.874	ppbv	85
10) Heptane	8.11	43	37170m	0.170	ppbv	
11) Trichlorofluoromethane	3.94	101	230890	1.126	ppbv	86
13) Ethanol	3.59	45	3809200	414.686	ppbv	92
15) Acetone	3.84	43	1521243	10.374	ppbv	97
19) Isopropyl Alcohol	3.95	45	7575931	94.947	ppbv #	92
20) Methylene Chloride	4.33	84	2358065	33.681	ppbv	98
26) Hexane	5.67	57	818628	4.852	ppbv #	51
29) Chloroform	5.74	83	37128m	0.151	ppbv	
34) 2-Butanone	5.23	43	167050	1.035	ppbv	93
35) Carbon Tetrachloride	7.00	117	14006m	0.062	ppbv	
36) Benzene	6.88	78	69743m	0.211	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	82349m	0.148	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	50152m	0.245	ppbv	
52) Tetrachloroethene	11.22	164	6104m	0.048	ppbv	
53) Toluene	9.78	91	145050m	0.394	ppbv	
59) m/p-Xylene	12.95	91	78656m	0.196	ppbv	
61) Styrene	13.51	104	65816m	0.349	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	48958m	0.114	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	74568m	0.282	ppbv	
79) Naphthalene	22.18	128	37543m	0.142	ppbv	

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

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