

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037629.D
 Acq On : 17 Sep 2021 00:04
 Operator : SY/AP
 Sample : M3780-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:27:32 PM

Quant Time: Sep 17 10:14:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 17 10:14:47 2021
 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	1594067	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4539951	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3854501	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2722230m	9.77	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	45810m	0.159	ppbv	
4) Chloromethane	3.13	50	96836	0.872	ppbv #	84
9) Propene	3.01	41	800940	7.552	ppbv #	62
10) Heptane	8.10	43	137229m	0.554	ppbv	
11) Trichlorofluoromethane	3.94	101	44913	0.194	ppbv	92
13) Ethanol	3.65	45	56662309	5461.796	ppbv	83
15) Acetone	3.83	43	8160671	49.273	ppbv	97
19) Isopropyl Alcohol	4.01	45	16859176	187.085	ppbv #	93
20) Methylene Chloride	4.33	84	582810	7.371	ppbv	98
25) Ethyl Acetate	5.66	43	1752422	4.369	ppbv #	95
26) Hexane	5.67	57	559353	2.935	ppbv #	59
29) Chloroform	5.74	83	1256414	4.516	ppbv	99
30) Cyclohexane	7.11	84	47656m	0.292	ppbv	
34) 2-Butanone	5.23	43	576563m	3.125	ppbv	
35) Carbon Tetrachloride	7.00	117	16689m	0.065	ppbv	
36) Benzene	6.87	78	290078	0.766	ppbv #	94
41) Tetrahydrofuran	6.03	42	156235	1.801	ppbv #	54
44) 2,2,4-Trimethylpentane	7.85	57	355140	0.558	ppbv #	87
52) Tetrachloroethene	11.19	164	25690m	0.177	ppbv	
53) Toluene	9.79	91	1323177	3.144	ppbv	99
58) Ethyl Benzene	12.69	91	364864	0.713	ppbv	96
59) m/p-Xylene	12.94	91	1329706m	2.982	ppbv	
60) o-Xylene	13.66	91	472663	1.114	ppbv	97
61) Styrene	13.51	104	175455	0.838	ppbv	96
69) p-Isopropyltoluene	17.63	119	204880m	0.346	ppbv	
72) 4-Ethyltoluene	15.82	105	102429m	0.210	ppbv	
73) 1,3,5-Trimethylbenzene	15.97	105	81299	0.179	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	295287	0.617	ppbv #	70
76) 1,4-Dichlorobenzene	17.11	146	71810m	0.245	ppbv	
79) Naphthalene	22.16	128	144396m	0.492	ppbv	
80) Naphthalene,2-methyl-	24.95	142	15142m	0.226	ppbv	

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

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