

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037626.D
 Acq On : 16 Sep 2021 22:05
 Operator : SY/AP
 Sample : M3780-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:27:24 PM

Quant Time: Sep 17 10:10:24 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 10:10:24 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	1586785	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4550471	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3900966	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2850785	10.11	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	44150	0.154	ppbv	97
3) Chlorodifluoromethane	2.98	51	157610m	0.527	ppbv	
4) Chloromethane	3.13	50	130846	1.183	ppbv	95
9) Propene	3.01	41	1153773	10.928	ppbv #	64
10) Heptane	8.10	43	261027m	1.060	ppbv	
11) Trichlorofluoromethane	3.94	101	50185	0.218	ppbv	94
13) Ethanol	3.66	45	73810876m	7147.433	ppbv	
15) Acetone	3.83	43	11469529	69.569	ppbv	97
19) Isopropyl Alcohol	4.04	45	23401013	260.870	ppbv #	93
20) Methylene Chloride	4.33	84	371700	4.723	ppbv	96
25) Ethyl Acetate	5.65	43	2697080	6.755	ppbv #	91
26) Hexane	5.67	57	553577	2.919	ppbv #	1
29) Chloroform	5.74	83	2168691	7.830	ppbv	98
30) Cyclohexane	7.11	84	79319m	0.489	ppbv	
34) 2-Butanone	5.23	43	832486	4.502	ppbv	99
35) Carbon Tetrachloride	7.00	117	18448m	0.072	ppbv	
36) Benzene	6.87	78	469710	1.238	ppbv #	95
41) Tetrahydrofuran	6.04	42	273542m	3.147	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	556603	0.873	ppbv #	89
52) Tetrachloroethene	11.19	164	16501m	0.113	ppbv	
53) Toluene	9.78	91	2414057	5.724	ppbv	99
58) Ethyl Benzene	12.69	91	628524	1.214	ppbv	98
59) m/p-Xylene	12.94	91	2217851	4.915	ppbv	98
60) o-Xylene	13.67	91	751916	1.751	ppbv	95
61) Styrene	13.51	104	350272	1.654	ppbv	94
64) n-propylbenzene	15.53	120	24437m	0.158	ppbv	
69) p-Isopropyltoluene	17.63	119	331086	0.552	ppbv #	91
72) 4-Ethyltoluene	15.81	105	149477m	0.303	ppbv	
73) 1,3,5-Trimethylbenzene	15.97	105	130799	0.285	ppbv	86
74) 1,2,4-Trimethylbenzene	16.74	105	497960	1.029	ppbv #	72
76) 1,4-Dichlorobenzene	17.11	146	119233m	0.402	ppbv	
79) Naphthalene	22.17	128	230171m	0.774	ppbv	
80) Naphthalene,2-methyl-	24.95	142	29242m	0.430	ppbv	

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

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