

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037634.D
 Acq On : 17 Sep 2021 3:14
 Operator : SY/AP
 Sample : M3780-02 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:27:42 PM

Quant Time: Sep 17 10:06:23 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 10:06:23 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	1503054	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4283048	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3711775	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2630700	9.81	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	33327m	0.123	ppbv	
3) Chlorodifluoromethane	2.98	51	78701m	0.278	ppbv	
4) Chloromethane	3.13	50	63110	0.602	ppbv	90
9) Propene	3.02	41	625749	6.257	ppbv #	64
10) Heptane	8.10	43	151300	0.648	ppbv	99
11) Trichlorofluoromethane	3.93	101	25061	0.115	ppbv	95
13) Ethanol	3.64	45	48580903	4966.367	ppbv	87
15) Acetone	3.84	43	6946848	44.484	ppbv	98
19) Isopropyl Alcohol	4.00	45	12470387	146.762	ppbv #	93
20) Methylene Chloride	4.33	84	118537	1.590	ppbv	98
25) Ethyl Acetate	5.66	43	1267036	3.350	ppbv #	92
26) Hexane	5.67	57	327989	1.826	ppbv #	27
29) Chloroform	5.73	83	1385743	5.282	ppbv	97
30) Cyclohexane	7.12	84	72169m	0.470	ppbv	
34) 2-Butanone	5.23	43	636033m	3.654	ppbv	
35) Carbon Tetrachloride	7.01	117	10272m	0.042	ppbv	
36) Benzene	6.87	78	251592	0.704	ppbv #	90
41) Tetrahydrofuran	6.02	42	135326m	1.654	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	325038	0.541	ppbv #	86
52) Tetrachloroethene	11.20	164	10105m	0.074	ppbv	
53) Toluene	9.78	91	1911820	4.816	ppbv	99
58) Ethyl Benzene	12.69	91	390371	0.792	ppbv	93
59) m/p-Xylene	12.94	91	1392554m	3.243	ppbv	
60) o-Xylene	13.67	91	468753	1.147	ppbv	98
61) Styrene	13.51	104	169036	0.839	ppbv	100
64) n-propylbenzene	15.54	120	16074m	0.109	ppbv	
69) p-Isopropyltoluene	17.63	119	162625	0.285	ppbv #	91
72) 4-Ethyltoluene	15.81	105	101620m	0.217	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	86802m	0.199	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	306774	0.666	ppbv #	75
76) 1,4-Dichlorobenzene	17.12	146	54883m	0.194	ppbv	
79) Naphthalene	22.17	128	95832m	0.339	ppbv	
80) Naphthalene,2-methyl-	24.96	142	12022	0.186	ppbv #	83

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

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