

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037627.D
 Acq On : 16 Sep 2021 22:45
 Operator : SY/AP
 Sample : M3780-03DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:27:26 PM

Quant Time: Sep 17 10:11:43 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 10:11:43 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	1597764	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4507759	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3862548	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2785905	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	44627m	0.154	ppbv	
3) Chlorodifluoromethane	2.97	51	152846m	0.507	ppbv	
4) Chloromethane	3.13	50	138742	1.246	ppbv	95
9) Propene	3.01	41	1136900	10.694	ppbv #	63
10) Heptane	8.10	43	219166	0.884	ppbv	90
11) Trichlorofluoromethane	3.93	101	50226m	0.216	ppbv	
13) Ethanol	3.67	45	75390601m	7250.240	ppbv	
15) Acetone	3.83	43	12561314	75.668	ppbv	98
19) Isopropyl Alcohol	4.04	45	23492438	260.090	ppbv #	93
20) Methylene Chloride	4.33	84	369951	4.668	ppbv	98
25) Ethyl Acetate	5.66	43	2746193	6.830	ppbv #	92
26) Hexane	5.66	57	609917m	3.193	ppbv	
29) Chloroform	5.74	83	2185087	7.835	ppbv	94
30) Cyclohexane	7.11	84	86888	0.532	ppbv #	81
34) 2-Butanone	5.23	43	866126	4.728	ppbv	100
35) Carbon Tetrachloride	7.00	117	19186m	0.075	ppbv	
36) Benzene	6.87	78	469317	1.249	ppbv	96
41) Tetrahydrofuran	6.05	42	283390m	3.291	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	571851	0.905	ppbv #	87
52) Tetrachloroethene	11.19	164	16025m	0.111	ppbv	
53) Toluene	9.78	91	2411889	5.773	ppbv	99
58) Ethyl Benzene	12.69	91	634368	1.237	ppbv	99
59) m/p-Xylene	12.94	91	2209871	4.946	ppbv	95
60) o-Xylene	13.67	91	768082	1.806	ppbv	100
61) Styrene	13.51	104	377772m	1.801	ppbv	
64) n-propylbenzene	15.54	120	24904m	0.162	ppbv	
69) p-Isopropyltoluene	17.63	119	350109	0.590	ppbv	98
72) 4-Ethyltoluene	15.82	105	171638m	0.352	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	143859m	0.316	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	490637	1.024	ppbv #	78
76) 1,4-Dichlorobenzene	17.12	146	113270m	0.386	ppbv	
79) Naphthalene	22.17	128	237629m	0.807	ppbv	
80) Naphthalene,2-methyl-	24.94	142	26808m	0.399	ppbv	

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

