

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037326.D
 Acq On : 5 Aug 2021 3:22
 Operator : SY/AP
 Sample : M3211-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-4

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 1:41:08 PM

Quant Time: Aug 05 08:21:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1082820	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3372917	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2772673	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	1796646	9.49	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	34357	0.156	ppbv	92
3) Chlorodifluoromethane	2.96	51	77750m	0.353	ppbv	
4) Chloromethane	3.14	50	35614	0.452	ppbv	90
9) Propene	3.01	41	290076	3.644	ppbv	96
10) Heptane	8.11	43	24992m	0.134	ppbv	
11) Trichlorofluoromethane	3.95	101	1745747	8.631	ppbv	100
13) Ethanol	3.61	45	301048	25.107	ppbv	99
15) Acetone	3.84	43	4326044	36.779	ppbv	93
17) tert-Butyl alcohol	4.31	59	40892m	0.346	ppbv	
19) Isopropyl Alcohol	3.97	45	144600	2.221	ppbv #	93
20) Methylene Chloride	4.34	84	1463651	15.030	ppbv	99
26) Hexane	5.68	57	1020124	5.960	ppbv #	47
27) Carbon Disulfide	4.54	76	33325m	0.239	ppbv	
29) Chloroform	5.75	83	281095	1.297	ppbv	100
30) Cyclohexane	7.12	84	34598m	0.262	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	7606m	0.037	ppbv	
34) 2-Butanone	5.23	43	5244338	44.807	ppbv	100
35) Carbon Tetrachloride	7.01	117	165734	0.823	ppbv	98
36) Benzene	6.88	78	106291	0.350	ppbv	98
38) Trichloroethene	7.83	130	95775	0.721	ppbv	97
41) Tetrahydrofuran	6.03	42	3689558	56.683	ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	52718m	0.105	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	34023m	0.190	ppbv	
51) 2-Hexanone	10.13	43	490679	6.022	ppbv #	95
52) Tetrachloroethene	11.22	164	27400m	0.210	ppbv	
53) Toluene	9.80	91	291590m	0.814	ppbv	
58) Ethyl Benzene	12.70	91	92076m	0.226	ppbv	
59) m/p-Xylene	12.95	91	246942m	0.720	ppbv	
60) o-Xylene	13.68	91	90474m	0.290	ppbv	
61) Styrene	13.52	104	17323m	0.101	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	38199m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	111007	0.307	ppbv #	75
75) 1,3-Dichlorobenzene	16.98	146	102782m	0.463	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	88189m	0.401	ppbv	
79) Naphthalene	22.19	128	40721m	0.123	ppbv	
80) Naphthalene,2-methyl-	24.95	142	6909	0.128	ppbv #	71

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

