

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037328.D
 Acq On : 5 Aug 2021 4:44
 Operator : SY/AP
 Sample : M3211-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 1:40:47 PM

Quant Time: Aug 05 08:26:13 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	1074299	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3460588	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2956746	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2007334	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	32969m	0.151	ppbv	
3) Chlorodifluoromethane	2.96	51	175884	0.805	ppbv #	75
4) Chloromethane	3.13	50	46156	0.590	ppbv	100
9) Propene	3.02	41	551282	6.980	ppbv #	62
10) Heptane	8.11	43	104915	0.569	ppbv	97
11) Trichlorofluoromethane	3.94	101	2816158	14.034	ppbv	99
13) Ethanol	3.60	45	4178298	351.231	ppbv	91
15) Acetone	3.84	43	12914879	110.671	ppbv	96
17) tert-Butyl alcohol	4.30	59	36739m	0.313	ppbv	
19) Isopropyl Alcohol	3.97	45	828355	12.826	ppbv #	1
20) Methylene Chloride	4.34	84	180134	1.864	ppbv	93
26) Hexane	5.68	57	304771	1.795	ppbv #	61
27) Carbon Disulfide	4.54	76	14346	0.104	ppbv #	76
29) Chloroform	5.75	83	300401	1.397	ppbv	99
30) Cyclohexane	7.12	84	48803m	0.373	ppbv	
34) 2-Butanone	5.23	43	918776	7.651	ppbv	99
35) Carbon Tetrachloride	7.01	117	13737m	0.067	ppbv	
36) Benzene	6.88	78	209791	0.674	ppbv	98
41) Tetrahydrofuran	6.05	42	31187m	0.467	ppbv	
43) Methyl Methacrylate	8.01	69	27802m	0.263	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	370019	0.719	ppbv	91
50) 4-Methyl-2-Pentanone	8.74	43	59228m	0.322	ppbv	
52) Tetrachloroethene	11.21	164	11778m	0.088	ppbv	
53) Toluene	9.80	91	4521792	12.299	ppbv	98
58) Ethyl Benzene	12.70	91	460231	1.060	ppbv	93
59) m/p-Xylene	12.96	91	1512865m	4.136	ppbv	
60) o-Xylene	13.68	91	394953	1.188	ppbv	97
61) Styrene	13.51	104	75197m	0.413	ppbv	
64) n-propylbenzene	15.55	120	23847m	0.189	ppbv	
65) tert-Butylbenzene	16.74	119	61646	0.138	ppbv #	64
69) p-Isopropyltoluene	17.64	119	53064	0.105	ppbv	96
70) n-Butylbenzene	18.55	91	50894m	0.110	ppbv	
72) 4-Ethyltoluene	15.82	105	130794	0.326	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.99	105	167474	0.464	ppbv	87
74) 1,2,4-Trimethylbenzene	16.75	105	510369	1.325	ppbv #	76
76) 1,4-Dichlorobenzene	17.13	146	3894209	16.586	ppbv	98
79) Naphthalene	22.19	128	111015m	0.314	ppbv	
80) Naphthalene,2-methyl-	24.95	142	6937	0.121	ppbv	90

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

