

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037499.D
 Acq On : 19 Aug 2021 15:15
 Operator : SY/AP
 Sample : M3480-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-1

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:31:06 PM

Quant Time: Aug 20 00:46:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 1
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1452750	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4183905	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3542449	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2635428	10.47	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	49628	0.213	ppbv	91
3) Chlorodifluoromethane	2.99	51	855698m	3.076	ppbv	
4) Chloromethane	3.15	50	53153m	0.535	ppbv	
7) Chloroethane	3.57	64	4730m	0.136	ppbv	
9) Propene	3.02	41	205903	2.069	ppbv	87
10) Heptane	8.13	43	35086m	0.153	ppbv	
11) Trichlorofluoromethane	3.96	101	45144m	0.206	ppbv	
13) Ethanol	3.61	45	3874167	399.998	ppbv	96
15) Acetone	3.85	43	4714828	31.889	ppbv	97
17) tert-Butyl alcohol	4.30	59	177702	1.316	ppbv	95
19) Isopropyl Alcohol	3.97	45	769466	9.084	ppbv #	1
20) Methylene Chloride	4.35	84	7958790	107.516	ppbv	93
26) Hexane	5.69	57	5133259	27.972	ppbv #	46
27) Carbon Disulfide	4.56	76	43977m	0.269	ppbv	
29) Chloroform	5.75	83	139077m	0.535	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	42675	0.257	ppbv #	84
32) 1,1,1-Trichloroethane	6.52	97	8391m	0.033	ppbv	
34) 2-Butanone	5.25	43	345118	2.020	ppbv #	68
35) Carbon Tetrachloride	7.02	117	15363m	0.062	ppbv	
36) Benzene	6.89	78	1059767	3.013	ppbv	99
38) Trichloroethene	7.83	130	367469	2.546	ppbv	93
40) 1,4-Dioxane	7.84	88	76372m	2.307	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	110543m	0.187	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	67701m	0.304	ppbv	
51) 2-Hexanone	10.14	43	41800	0.408	ppbv #	98
52) Tetrachloroethene	11.23	164	43796m	0.304	ppbv	
53) Toluene	9.81	91	392982	0.979	ppbv	100
58) Ethyl Benzene	12.71	91	51641m	0.105	ppbv	
59) m/p-Xylene	12.97	91	110362m	0.259	ppbv	
60) o-Xylene	13.69	91	71723m	0.180	ppbv	
61) Styrene	13.53	104	123049m	0.595	ppbv	
62) Isopropylbenzene	14.67	105	896815	1.598	ppbv	100
67) sec-Butylbenzene	17.29	105	77198m	0.108	ppbv	
69) p-Isopropyltoluene	17.65	119	71843m	0.123	ppbv	
70) n-Butylbenzene	18.55	91	103633m	0.186	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	121949m	0.277	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	314479	0.672	ppbv #	68
79) Naphthalene	22.19	128	182269m	0.582	ppbv	
80) Naphthalene,2-methyl-	24.97	142	10868m	0.125	ppbv	

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

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