

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037500.D
 Acq On : 19 Aug 2021 15:56
 Operator : SY/AP
 Sample : M3480-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-1DUP

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:31:08 PM

Quant Time: Aug 20 00:45:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 2021
 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	1398671	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4124230	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3467560	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	2376121	9.65	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	43447	0.194	ppbv	99
3) Chlorodifluoromethane	2.99	51	832969m	3.110	ppbv	
4) Chloromethane	3.14	50	40464	0.423	ppbv	93
7) Chloroethane	3.56	64	4999	0.149	ppbv #	78
9) Propene	3.02	41	191900	2.003	ppbv	92
10) Heptane	8.13	43	31942m	0.145	ppbv	
11) Trichlorofluoromethane	3.95	101	41352	0.196	ppbv	84
13) Ethanol	3.61	45	3914518	419.791	ppbv	97
15) Acetone	3.85	43	4670454	32.811	ppbv	98
17) tert-Butyl alcohol	4.30	59	184619m	1.420	ppbv	
19) Isopropyl Alcohol	3.97	45	769358	9.434	ppbv #	1
20) Methylene Chloride	4.35	84	8794076	123.393	ppbv	92
26) Hexane	5.69	57	5944331	33.645	ppbv #	46
27) Carbon Disulfide	4.56	76	41054	0.261	ppbv #	56
29) Chloroform	5.75	83	134770m	0.538	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	48440m	0.303	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	7659m	0.031	ppbv	
34) 2-Butanone	5.25	43	378874	2.250	ppbv #	69
35) Carbon Tetrachloride	7.02	117	16216m	0.067	ppbv	
36) Benzene	6.90	78	1038699	2.996	ppbv	98
38) Trichloroethene	7.84	130	349394	2.456	ppbv	96
40) 1,4-Dioxane	7.84	88	64667m	1.981	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	118304m	0.203	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	59743	0.272	ppbv	98
51) 2-Hexanone	10.13	43	58015m	0.574	ppbv	
52) Tetrachloroethene	11.23	164	40813m	0.287	ppbv	
53) Toluene	9.81	91	398076	1.006	ppbv	99
58) Ethyl Benzene	12.71	91	47141m	0.098	ppbv	
59) m/p-Xylene	12.98	91	112821m	0.270	ppbv	
60) o-Xylene	13.69	91	64523m	0.166	ppbv	
61) Styrene	13.53	104	109064m	0.539	ppbv	
62) Isopropylbenzene	14.66	105	835035m	1.520	ppbv	
67) sec-Butylbenzene	17.30	105	72265m	0.103	ppbv	
69) p-Isopropyltoluene	17.65	119	64977m	0.114	ppbv	
70) n-Butylbenzene	18.55	91	105709m	0.194	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	118879	0.276	ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	316571m	0.691	ppbv	
79) Naphthalene	22.19	128	181810m	0.593	ppbv	
80) Naphthalene,2-methyl-	24.97	142	11039m	0.129	ppbv	

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

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