

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL073021\
 Data File : VL037298.D
 Acq On : 31 Jul 2021 1:17
 Operator : SY/AP
 Sample : M3121-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAY-ROOM-1

Manual Integrations
 APPROVED

MMDadoda
 8/2/2021 8:58:05 AM

Quant Time: Aug 12 09:01:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1208982	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3649561	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3237465	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2260238	9.60	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	51783	0.298	ppbv	94
3) Chlorodifluoromethane	2.98	51	409008	1.688	ppbv	96
4) Chloromethane	3.13	50	45619m	0.540	ppbv	
5) Vinyl Chloride	3.25	62	3696m	0.040	ppbv	
9) Propene	3.01	41	38320	0.470	ppbv	87
11) Trichlorofluoromethane	3.95	101	53276m	0.246	ppbv	
13) Ethanol	3.61	45	247013m	13.791	ppbv	
15) Acetone	3.84	43	697000	3.201	ppbv	95
19) Isopropyl Alcohol	3.97	45	267133m	3.171	ppbv	
20) Methylene Chloride	4.34	84	451855	5.362	ppbv	97
26) Hexane	5.68	57	413545	2.449	ppbv #	54
29) Chloroform	5.74	83	24618	0.102	ppbv	91
30) Cyclohexane	7.13	84	25999m	0.197	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	8677m	0.036	ppbv	
34) 2-Butanone	5.25	43	64163	0.410	ppbv	92
35) Carbon Tetrachloride	7.01	117	21019m	0.091	ppbv	
36) Benzene	6.89	78	53035	0.172	ppbv #	93
38) Trichloroethene	7.83	130	5845m	0.042	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	86527	0.171	ppbv #	90
52) Tetrachloroethene	11.23	164	13044m	0.096	ppbv	
53) Toluene	9.81	91	808258	2.225	ppbv	99
59) m/p-Xylene	12.96	91	68221m	0.178	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	12386m	0.048	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	61177m	0.139	ppbv	

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

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