

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037580.D
 Acq On : 8 Sep 2021 20:31
 Operator : SY/AP
 Sample : M3663-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:52:48 AM

Quant Time: Sep 09 09:14:01 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 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.681	49	1549545	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4592641	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	4026496	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2843417	9.940	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	3.054	85	34922	0.140	ppbv	94
4) Chloromethane	3.150	50	57500m	0.542	ppbv	
9) Propene	3.028	41	611680m	5.762	ppbv	
10) Heptane	8.137	43	35870m	0.147	ppbv	
11) Trichlorofluoromethane	3.960	101	71827	0.308	ppbv	93
13) Ethanol	3.613	45	7843111	759.197	ppbv	92
15) Acetone	3.858	43	2309389	14.644	ppbv	92
17) tert-Butyl alcohol	4.311	59	63433m	0.440	ppbv	
19) Isopropyl Alcohol	3.977	45	15682272	173.580	ppbv #	98
20) Methylene Chloride	4.353	84	819003	10.373	ppbv	92
26) Hexane	5.697	57	1112627	5.684	ppbv #	53
29) Chloroform	5.764	83	206809	0.746	ppbv	98
30) Cyclohexane	7.147	84	35275m	0.216	ppbv	
31) cis-1,2-Dichloroethene	5.562	61	21316m	0.120	ppbv	
34) 2-Butanone	5.256	43	119936	0.640	ppbv	93
35) Carbon Tetrachloride	7.034	117	25056m	0.092	ppbv	
36) Benzene	6.906	78	100686	0.261	ppbv #	90
38) Trichloroethene	7.841	130	31925m	0.202	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	147637	0.227	ppbv #	81
50) 4-Methyl-2-Pentanone	8.771	43	49683m	0.203	ppbv	
52) Tetrachloroethene	11.233	164	357653	2.261	ppbv	96
53) Toluene	9.816	91	842657	1.911	ppbv	99
58) Ethyl Benzene	12.722	91	115260m	0.206	ppbv	
59) m/p-Xylene	12.983	91	419253m	0.865	ppbv	
60) o-Xylene	13.706	91	137128m	0.303	ppbv	
69) p-Isopropyltoluene	17.664	119	792416	1.198	ppbv	97
79) Naphthalene	22.204	128	43586m	0.122	ppbv	

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

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