

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037040.D
 Acq On : 21 May 2021 1:26
 Operator : SY/AP
 Sample : M2424-13 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DUP-03-05132021

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:27:39 PM

Quant Time: May 21 03:52:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1130137	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3307666	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	3005708	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2211006	9.79	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	31075	0.162	ppbv #	87
3) Chlorodifluoromethane	2.96	51	31882	0.154	ppbv	99
4) Chloromethane	3.11	50	38842	0.551	ppbv	97
9) Propene	2.98	41	74705	1.008	ppbv	99
10) Heptane	8.08	43	104630m	0.566	ppbv	
11) Trichlorofluoromethane	3.92	101	17546	0.099	ppbv	88
13) Ethanol	3.58	45	319647	32.314	ppbv	96
15) Acetone	3.82	43	8968648	77.479	ppbv	99
17) tert-Butyl alcohol	4.28	59	81750	0.771	ppbv	94
19) Isopropyl Alcohol	3.95	45	151777	2.439	ppbv #	30
20) Methylene Chloride	4.31	84	2076745	33.469	ppbv	99
26) Hexane	5.65	57	1813774	12.764	ppbv #	49
29) Chloroform	5.72	83	69354	0.345	ppbv	92
30) Cyclohexane	7.10	84	18259m	0.151	ppbv	
34) 2-Butanone	5.21	43	545796	4.532	ppbv	97
36) Benzene	6.85	78	45989m	0.161	ppbv	
50) 4-Methyl-2-Pentanone	8.72	43	56251m	0.283	ppbv	
51) 2-Hexanone	10.10	43	68956m	0.656	ppbv	
53) Toluene	9.76	91	535243	1.579	ppbv	98
58) Ethyl Benzene	12.67	91	42855	0.101	ppbv	94
59) m/p-Xylene	12.93	91	106472m	0.304	ppbv	
60) o-Xylene	13.65	91	39563m	0.118	ppbv	
61) Styrene	13.48	104	26189m	0.139	ppbv	
72) 4-Ethyltoluene	15.80	105	48355	0.122	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.96	105	71196m	0.191	ppbv	
74) 1,2,4-Trimethylbenzene	16.72	105	191832	0.498	ppbv #	70

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

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