

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037362.D
 Acq On : 7 Aug 2021 3:19
 Operator : SY/AP
 Sample : M3157-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INTERMEDIATE-2

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:10:36 PM

Quant Time: Aug 07 05:47:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	829732	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2712180	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2285076	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	1560124	9.69	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	43868m	0.233	ppbv	
3) Chlorodifluoromethane	2.99	51	55599m	0.336	ppbv	
4) Chloromethane	3.14	50	32010	0.566	ppbv #	81
9) Propene	3.02	41	66020	1.189	ppbv #	79
10) Heptane	8.11	43	51336m	0.398	ppbv	
11) Trichlorofluoromethane	3.95	101	32978	0.205	ppbv	85
13) Ethanol	3.61	45	221809	21.656	ppbv	94
15) Acetone	3.85	43	893279	10.331	ppbv #	89
19) Isopropyl Alcohol	3.97	45	133490m	2.551	ppbv	
20) Methylene Chloride	4.34	84	365483	5.047	ppbv	97
25) Ethyl Acetate	5.67	43	543287	2.540	ppbv	98
30) Cyclohexane	7.12	84	24383m	0.259	ppbv	
34) 2-Butanone	5.25	43	127681	1.402	ppbv	97
35) Carbon Tetrachloride	7.01	117	9864m	0.058	ppbv	
36) Benzene	6.88	78	103415	0.497	ppbv	94
44) 2,2,4-Trimethylpentane	7.86	57	95822m	0.276	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	79676m	0.638	ppbv	
52) Tetrachloroethene	11.21	164	5550m	0.056	ppbv	
53) Toluene	9.80	91	348839	1.440	ppbv	100
58) Ethyl Benzene	12.70	91	48903m	0.164	ppbv	
59) m/p-Xylene	12.96	91	120969m	0.466	ppbv	
60) o-Xylene	13.68	91	46877m	0.195	ppbv	
61) Styrene	13.52	104	19232m	0.155	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	46752m	0.166	ppbv	

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

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