

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036706.D
 Acq On : 6 Apr 2021 20:27
 Operator : SY/AP
 Sample : M1945-01 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:11:07 AM

Quant Time: Apr 08 12:35:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1259085	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2975022	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2891106	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2365175	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	34916	0.170	ppbv	89
9) Propene	3.02	41	63693	0.849	ppbv	84
10) Heptane	8.13	43	27127m	0.142	ppbv	
11) Trichlorofluoromethane	3.95	101	23925m	0.114	ppbv	
13) Ethanol	3.61	45	49816m	5.578	ppbv	
15) Acetone	3.85	43	2944725	23.762	ppbv	100
17) tert-Butyl alcohol	4.31	59	28599m	0.265	ppbv	
20) Methylene Chloride	4.34	84	41203	0.710	ppbv #	79
26) Hexane	5.69	57	268089	1.961	ppbv #	44
27) Carbon Disulfide	4.56	76	24560m	0.182	ppbv	
29) Chloroform	5.75	83	88997m	0.407	ppbv	
34) 2-Butanone	5.25	43	161315	1.111	ppbv	95
51) 2-Hexanone	10.15	43	92939m	0.876	ppbv	
52) Tetrachloroethene	11.23	164	9929m	0.098	ppbv	
53) Toluene	9.81	91	207849	0.711	ppbv	99
58) Ethyl Benzene	12.72	91	181683	0.432	ppbv	98
59) m/p-Xylene	12.97	91	461559	1.258	ppbv	90
60) o-Xylene	13.70	91	211404	0.596	ppbv	100
62) Isopropylbenzene	14.68	105	44214m	0.093	ppbv	
64) n-propylbenzene	15.57	120	54552m	0.467	ppbv	
65) tert-Butylbenzene	16.77	119	103115m	0.249	ppbv	
67) sec-Butylbenzene	17.30	105	117544	0.201	ppbv	98
69) p-Isopropyltoluene	17.66	119	86870m	0.190	ppbv	
70) n-Butylbenzene	18.57	91	243340m	0.514	ppbv	
72) 4-Ethyltoluene	15.85	105	218922	0.563	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.01	105	203297	0.560	ppbv	95
74) 1,2,4-Trimethylbenzene	16.77	105	888503	2.289	ppbv #	68

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

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