

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036765.D
 Acq On : 9 Apr 2021 1:04
 Operator : SY/AP
 Sample : M1981-03 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:47:58 AM

Quant Time: Apr 09 12:17:29 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	5.66	49	1426672	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3520133	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2930764	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2551440	10.92	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	310258	3.205	ppbv	97
9) Propene	3.00	41	491540	5.784	ppbv	93
10) Heptane	8.12	43	564972	2.610	ppbv	98
13) Ethanol	3.60	45	96342	9.521	ppbv	99
15) Acetone	3.84	43	4373696	31.148	ppbv	98
20) Methylene Chloride	4.34	84	911024	13.857	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	34147m	0.546	ppbv	
26) Hexane	5.68	57	1120522	7.233	ppbv #	47
27) Carbon Disulfide	4.54	76	235362	1.542	ppbv	97
30) Cyclohexane	7.12	84	324038	2.579	ppbv	85
31) cis-1,2-Dichloroethene	5.54	61	765101	5.106	ppbv	96
34) 2-Butanone	5.24	43	504795	2.938	ppbv	97
36) Benzene	6.88	78	580780	1.789	ppbv	96
38) Trichloroethene	7.83	130	1053257	8.336	ppbv	96
44) 2,2,4-Trimethylpentane	7.86	57	5980530	10.467	ppbv #	72
52) Tetrachloroethene	11.22	164	14702m	0.123	ppbv	
53) Toluene	9.80	91	418340	1.210	ppbv	99
58) Ethyl Benzene	12.71	91	599742m	1.407	ppbv	
59) m/p-Xylene	12.97	91	1242305	3.340	ppbv	96
60) o-Xylene	13.69	91	1147120	3.190	ppbv	99
62) Isopropylbenzene	14.66	105	305256	0.630	ppbv	100
64) n-propylbenzene	15.56	120	59867	0.506	ppbv #	40
67) sec-Butylbenzene	17.30	105	249278m	0.421	ppbv	
69) p-Isopropyltoluene	17.65	119	331970	0.717	ppbv #	91
72) 4-Ethyltoluene	15.84	105	394491	1.001	ppbv #	88
73) 1,3,5-Trimethylbenzene	16.00	105	691965	1.882	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	1032662	2.624	ppbv #	69
79) Naphthalene	22.19	128	39069m	0.170	ppbv	

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

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