

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036754.D
 Acq On : 8 Apr 2021 17:24
 Operator : SY/AP
 Sample : M1981-02DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4DL

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:46:55 AM

Quant Time: Apr 09 12:13:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 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	1501205	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3726431	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3009951	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1899756	7.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	170118	1.670	ppbv	94
9) Propene	3.01	41	168134	1.880	ppbv	93
10) Heptane	8.12	43	105952	0.465	ppbv	98
15) Acetone	3.84	43	3282123	22.213	ppbv	99
19) Isopropyl Alcohol	3.97	45	178253	2.193	ppbv #	1
20) Methylene Chloride	4.34	84	34861	0.504	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	15080m	0.229	ppbv	
26) Hexane	5.68	57	102571	0.629	ppbv #	45
27) Carbon Disulfide	4.55	76	90891	0.566	ppbv #	88
30) Cyclohexane	7.13	84	80588	0.610	ppbv #	86
31) cis-1,2-Dichloroethene	5.54	61	308047	1.954	ppbv	99
34) 2-Butanone	5.24	43	631918	3.474	ppbv	98
36) Benzene	6.89	78	208819m	0.608	ppbv	
38) Trichloroethene	7.83	130	345359	2.582	ppbv	93
44) 2,2,4-Trimethylpentane	7.87	57	1548641	2.560	ppbv #	73
53) Toluene	9.80	91	134049	0.366	ppbv	99
58) Ethyl Benzene	12.71	91	157999m	0.361	ppbv	
59) m/p-Xylene	12.96	91	371680m	0.973	ppbv	
60) o-Xylene	13.69	91	315012	0.853	ppbv	96
62) Isopropylbenzene	14.67	105	76064m	0.153	ppbv	
67) sec-Butylbenzene	17.28	105	62257	0.102	ppbv	98
69) p-Isopropyltoluene	17.65	119	101162m	0.213	ppbv	
72) 4-Ethyltoluene	15.84	105	105380	0.260	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.00	105	196032m	0.519	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	298020	0.737	ppbv #	67
79) Naphthalene	22.21	128	39893m	0.169	ppbv	

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

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