

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036760.D
 Acq On : 8 Apr 2021 21:14
 Operator : SY/AP
 Sample : M1981-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:47:29 AM

Quant Time: Apr 10 21:32:31 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	1378613	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3587740	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2939630	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1887755	8.06	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	102718	1.098	ppbv	93
9) Propene	3.01	41	184650	2.249	ppbv	93
10) Heptane	8.11	43	81378m	0.389	ppbv	
13) Ethanol	3.61	45	73172m	7.483	ppbv	
15) Acetone	3.84	43	542520	3.998	ppbv	100
19) Isopropyl Alcohol	3.99	45	30509m	0.409	ppbv	
20) Methylene Chloride	4.34	84	235658	3.709	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	27110m	0.449	ppbv	
26) Hexane	5.68	57	279433	1.867	ppbv #	48
27) Carbon Disulfide	4.54	76	63363m	0.430	ppbv	
30) Cyclohexane	7.13	84	34021m	0.280	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	344498	2.379	ppbv	95
36) Benzene	6.88	78	202093	0.611	ppbv	97
38) Trichloroethene	7.83	130	434497	3.374	ppbv	96
44) 2,2,4-Trimethylpentane	7.86	57	744486	1.278	ppbv #	84
53) Toluene	9.80	91	149337	0.424	ppbv	99
58) Ethyl Benzene	12.71	91	180402	0.422	ppbv	100
59) m/p-Xylene	12.96	91	286150m	0.767	ppbv	
60) o-Xylene	13.69	91	202849	0.562	ppbv	100
72) 4-Ethyltoluene	15.84	105	65509m	0.166	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	97314	0.264	ppbv	87
74) 1,2,4-Trimethylbenzene	16.76	105	127395m	0.323	ppbv	

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

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