

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036752.D
 Acq On : 8 Apr 2021 15:58
 Operator : SY/AP
 Sample : M1981-02 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:46:47 AM

Quant Time: Apr 09 12:00:26 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	1231331	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2965414	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2709621	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2368306	10.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	309820	3.708	ppbv	97
9) Propene	3.00	41	351426m	4.792	ppbv	
10) Heptane	8.12	43	203627	1.090	ppbv	94
13) Ethanol	3.61	45	19461m	2.228	ppbv	
15) Acetone	3.84	43	5987546	49.406	ppbv	100
19) Isopropyl Alcohol	3.97	45	352087	5.281	ppbv #	1
20) Methylene Chloride	4.34	84	103712	1.828	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	29045m	0.538	ppbv	
26) Hexane	5.68	57	247983	1.855	ppbv #	46
27) Carbon Disulfide	4.55	76	189431	1.438	ppbv	94
30) Cyclohexane	7.12	84	177073	1.633	ppbv #	83
31) cis-1,2-Dichloroethene	5.55	61	609402	4.712	ppbv	97
34) 2-Butanone	5.24	43	1245654	8.605	ppbv	99
36) Benzene	6.89	78	420023	1.536	ppbv	96
38) Trichloroethene	7.83	130	712553m	6.695	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	3119996	6.482	ppbv #	74
52) Tetrachloroethene	11.22	164	6757m	0.067	ppbv	
53) Toluene	9.80	91	286324	0.983	ppbv	100
58) Ethyl Benzene	12.71	91	325621	0.826	ppbv	95
59) m/p-Xylene	12.97	91	737724	2.146	ppbv	93
60) o-Xylene	13.69	91	697774	2.099	ppbv	99
62) Isopropylbenzene	14.66	105	168872m	0.377	ppbv	
67) sec-Butylbenzene	17.30	105	135172	0.247	ppbv	99
69) p-Isopropyltoluene	17.65	119	209449	0.489	ppbv	94
72) 4-Ethyltoluene	15.84	105	228984	0.629	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.00	105	406083	1.194	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	700417m	1.925	ppbv	
76) 1,4-Dichlorobenzene	17.14	146	28073m	0.138	ppbv	
79) Naphthalene	22.21	128	70255m	0.331	ppbv	

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

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