

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081720\
 Data File : VL035434.D
 Acq On : 18 Aug 2020 2:30
 Operator : SY/AP
 Sample : L3699-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DR-1

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 11:06:03 AM

Quant Time: Aug 19 16:47:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 19 16:47:00 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1153082	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5310059	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5259706	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3821361	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	57238	0.268	ppbv	94
3) Chlorodifluoromethane	2.99	51	44263m	0.306	ppbv	
4) Chloromethane	3.14	50	19011	0.252	ppbv #	84
9) Propene	3.02	41	985551	16.959	ppbv #	66
10) Heptane	8.14	43	389748	2.558	ppbv #	81
11) Trichlorofluoromethane	3.96	101	97463	0.291	ppbv	99
13) Ethanol	3.66	45	19495448	915.666	ppbv	82
15) Acetone	3.85	43	2544261m	19.170	ppbv	
17) tert-Butyl alcohol	4.36	59	634692m	3.700	ppbv	
20) Methylene Chloride	4.35	84	668184	6.240	ppbv #	65
26) Hexane	5.70	57	410926	2.820	ppbv #	32
27) Carbon Disulfide	4.56	76	123114	0.584	ppbv #	91
29) Chloroform	5.76	83	60607	0.207	ppbv	98
30) Cyclohexane	7.14	84	103183	0.638	ppbv #	57
34) 2-Butanone	5.26	43	254822	1.436	ppbv #	72
35) Carbon Tetrachloride	7.03	117	23446	0.083	ppbv	98
36) Benzene	6.90	78	407738	1.046	ppbv #	91
41) Tetrahydrofuran	6.06	42	60551m	0.619	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	684085	1.344	ppbv #	89
52) Tetrachloroethene	11.25	164	373019	1.569	ppbv #	82
53) Toluene	9.83	91	3021164	6.019	ppbv	100
58) Ethyl Benzene	12.74	91	1832320	2.886	ppbv #	89
59) m/p-Xylene	13.00	91	4975855	9.271	ppbv #	81
60) o-Xylene	13.72	91	2297777	4.405	ppbv	87
61) Styrene	13.55	104	49377	0.117	ppbv #	89
62) Isopropylbenzene	14.70	105	374646	0.438	ppbv	95
64) n-propylbenzene	15.59	120	674250	2.559	ppbv #	63
65) tert-Butylbenzene	16.80	119	1334254	1.606	ppbv #	88
67) sec-Butylbenzene	17.33	105	242288	0.222	ppbv	93
69) p-Isopropyltoluene	17.69	119	241372m	0.249	ppbv	
70) n-Butylbenzene	18.59	91	819795	0.895	ppbv #	56
72) 4-Ethyltoluene	15.87	105	3561703	5.203	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.03	105	2946626	4.626	ppbv #	86
74) 1,2,4-Trimethylbenzene	16.80	105	9027409	13.043	ppbv #	68
79) Naphthalene	22.25	128	831209	0.853	ppbv	97
80) Naphthalene,2-methyl-	25.00	142	67869m	0.169	ppbv	

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

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