

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034811.D
 Acq On : 6 Mar 2020 1:34
 Operator : SY/AP
 Sample : L1698-07DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4DL

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:42 AM

Quant Time: Mar 06 06:57:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	497299	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1174350	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1142928	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	947938	9.95	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	1034823	32.099	ppbv	98
9) Propene	2.97	41	211780	9.497	ppbv	90
10) Heptane	8.14	43	490528	8.655	ppbv	96
13) Ethanol	3.58	45	50466	6.605	ppbv	99
15) Acetone	3.83	43	1037078	17.415	ppbv #	86
18) 1,1-Dichloroethene	4.27	96	13646	0.618	ppbv	93
19) Isopropyl Alcohol	3.96	45	56664	1.588	ppbv #	93
20) Methylene Chloride	4.32	84	136789	6.436	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	34398	1.595	ppbv	95
24) 1,1-Dichloroethane	5.00	63	324678	5.238	ppbv	99
26) Hexane	5.68	57	510811	11.362	ppbv #	42
27) Carbon Disulfide	4.53	76	22029	0.419	ppbv #	93
30) Cyclohexane	7.14	84	259120	7.534	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	4633623	100.489	ppbv #	86
32) 1,1,1-Trichloroethane	6.51	97	343454	4.593	ppbv	97
34) 2-Butanone	5.24	43	59250m	0.776	ppbv	
36) Benzene	6.90	78	3001266	29.908	ppbv	97
38) Trichloroethene	7.85	130	347401	8.882	ppbv	91
39) 1,2-Dichloropropane	7.62	63	285152	7.041	ppbv	93
44) 2,2,4-Trimethylpentane	7.89	57	558616	3.185	ppbv #	49
52) Tetrachloroethene	11.26	164	115490	3.115	ppbv	94
53) Toluene	9.83	91	4071901	38.339	ppbv	98
58) Ethyl Benzene	12.74	91	930008	6.603	ppbv	95
59) m/p-Xylene	13.00	91	630712	5.173	ppbv	96
60) o-Xylene	13.72	91	325111	2.635	ppbv	96
61) Styrene	13.56	104	461386	6.029	ppbv	97
62) Isopropylbenzene	14.70	105	58281	0.321	ppbv	98
64) n-propylbenzene	15.59	120	19233m	0.422	ppbv	
65) tert-Butylbenzene	16.80	119	16389m	0.107	ppbv	
67) sec-Butylbenzene	17.33	105	18647m	0.083	ppbv	
71) 2-Chlorotoluene	15.49	91	36519m	0.266	ppbv	
72) 4-Ethyltoluene	15.87	105	113339m	0.825	ppbv	
73) 1,3,5-Trimethylbenzene	16.03	105	114164	0.867	ppbv	94
74) 1,2,4-Trimethylbenzene	16.80	105	124625	0.870	ppbv #	64

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

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