

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034810.D
 Acq On : 6 Mar 2020 00:56
 Operator : SY/AP
 Sample : L1698-07 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:38 AM

Quant Time: Mar 06 06:54:26 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	5.67	49	475001	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	1177952	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.13	117	1130815	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1094810	11.61	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	116.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	3029617	98.387	ppbv	91
9) Propene	2.97	41	747595	35.097	ppbv	88
10) Heptane	8.16	43	1729878	31.955	ppbv	98
13) Ethanol	3.58	45	176889	24.237	ppbv	98
15) Acetone	3.84	43	3217161	56.559	ppbv #	89
17) tert-Butyl alcohol	4.29	59	26563m	0.592	ppbv	
18) 1,1-Dichloroethene	4.27	96	44440	2.105	ppbv	97
19) Isopropyl Alcohol	3.95	45	196691	5.771	ppbv #	93
20) Methylene Chloride	4.32	84	486125	23.946	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	121495	5.896	ppbv	95
24) 1,1-Dichloroethane	5.00	63	1157032	19.544	ppbv	100
26) Hexane	5.69	57	1722947	40.124	ppbv #	42
27) Carbon Disulfide	4.53	76	79165	1.578	ppbv	96
30) Cyclohexane	7.14	84	912982	27.791	ppbv	96
31) cis-1,2-Dichloroethene	5.55	61	9426959	214.039	ppbv #	63
32) 1,1,1-Trichloroethane	6.52	97	1202444	16.835	ppbv	96
34) 2-Butanone	5.25	43	207371	2.706	ppbv	100
36) Benzene	6.91	78	7670097	76.200	ppbv #	86
38) Trichloroethene	7.86	130	1164542	29.684	ppbv	92
39) 1,2-Dichloropropane	7.64	63	1012907	24.935	ppbv	94
44) 2,2,4-Trimethylpentane	7.90	57	1960846	11.147	ppbv #	50
52) Tetrachloroethene	11.27	164	418722	11.260	ppbv	95
53) Toluene	9.85	91	9889666	92.832	ppbv	86
58) Ethyl Benzene	12.75	91	3046817	21.864	ppbv	92
59) m/p-Xylene	13.01	91	1911442	15.845	ppbv	94
60) o-Xylene	13.74	91	1046570	8.575	ppbv	98
61) Styrene	13.57	104	1585385	20.938	ppbv	96
62) Isopropylbenzene	14.71	105	213466	1.188	ppbv	98
64) n-propylbenzene	15.61	120	65400	1.452	ppbv	94
65) tert-Butylbenzene	16.81	119	57642m	0.380	ppbv	
67) sec-Butylbenzene	17.34	105	62365	0.282	ppbv	98
69) p-Isopropyltoluene	17.70	119	21021m	0.117	ppbv	
71) 2-Chlorotoluene	15.49	91	132693m	0.978	ppbv	
72) 4-Ethyltoluene	15.89	105	385667	2.838	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.04	105	407206	3.124	ppbv	96
74) 1,2,4-Trimethylbenzene	16.81	105	432925	3.055	ppbv #	70

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

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