

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034992.D
 Acq On : 12 May 2020 18:23
 Operator : SY/AP
 Sample : L2567-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 5:11:59 PM

Quant Time: May 14 13:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1048444	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2540070	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2352647	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1935882	10.17	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	41326	0.278	ppbv	96
4) Chloromethane	3.10	50	40465	0.590	ppbv #	83
9) Propene	2.98	41	422602m	8.136	ppbv	
10) Heptane	8.13	43	1456402	11.192	ppbv	98
11) Trichlorofluoromethane	3.92	101	55646	0.363	ppbv #	83
13) Ethanol	3.58	45	2699714	157.508	ppbv	99
15) Acetone	3.81	43	8251052m	59.528	ppbv	
19) Isopropyl Alcohol	3.95	45	1277955m	13.825	ppbv	
20) Methylene Chloride	4.32	84	73748	1.607	ppbv	95
26) Hexane	5.67	57	2485483	24.624	ppbv #	48
30) Cyclohexane	7.13	84	654427	8.402	ppbv	98
34) 2-Butanone	5.23	43	156912	0.994	ppbv	100
35) Carbon Tetrachloride	7.02	117	9313m	0.058	ppbv	
36) Benzene	6.89	78	1381995	6.599	ppbv	99
38) Trichloroethene	7.85	130	153388	1.891	ppbv	90
41) Tetrahydrofuran	6.04	42	123680	1.488	ppbv	96
44) 2,2,4-Trimethylpentane	7.87	57	2263536	6.080	ppbv #	80
50) 4-Methyl-2-Pentanone	8.76	43	81355	0.361	ppbv	99
52) Tetrachloroethene	11.25	164	606871	8.150	ppbv	97
53) Toluene	9.83	91	12664346	57.047	ppbv #	83
58) Ethyl Benzene	12.74	91	2469958	8.490	ppbv	99
59) m/p-Xylene	12.99	91	6233024	24.351	ppbv #	61
60) o-Xylene	13.72	91	2470474	9.781	ppbv	100
61) Styrene	13.56	104	676215m	4.230	ppbv	
62) Isopropylbenzene	14.70	105	167176	0.443	ppbv	92
64) n-propylbenzene	15.59	120	144399m	1.493	ppbv	
65) tert-Butylbenzene	16.80	119	237118	0.725	ppbv #	72
67) sec-Butylbenzene	17.33	105	67594m	0.145	ppbv	
70) n-Butylbenzene	18.59	91	219017m	0.545	ppbv	
72) 4-Ethyltoluene	15.87	105	700069	2.484	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	613638	2.238	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	2155073	7.199	ppbv #	77
79) Naphthalene	22.26	128	172184m	0.739	ppbv	
80) Naphthalene,2-methyl-	25.01	142	26856	0.469	ppbv #	78

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

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