

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035460.D
 Acq On : 19 Aug 2020 8:23
 Operator : SY/AP
 Sample : L3725-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 11:07:41 AM

Quant Time: Aug 19 11:33:31 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 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	1122928	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5219429	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5228747	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	3850270	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	53951	0.259	ppbv	97
3) Chlorodifluoromethane	2.99	51	1717842	12.201	ppbv #	90
4) Chloromethane	3.14	50	62715	0.855	ppbv	97
9) Propene	3.01	41	136893m	2.419	ppbv	
10) Heptane	8.14	43	128205	0.864	ppbv #	82
11) Trichlorofluoromethane	3.95	101	188139	0.576	ppbv	98
13) Ethanol	3.61	45	315991	15.240	ppbv	99
15) Acetone	3.85	43	3366585	26.047	ppbv #	78
17) tert-Butyl alcohol	4.30	59	349592	2.093	ppbv	100
19) Isopropyl Alcohol	3.98	45	151350	1.699	ppbv #	97
20) Methylene Chloride	4.35	84	354146	3.396	ppbv #	61
26) Hexane	5.70	57	346431	2.441	ppbv #	31
27) Carbon Disulfide	4.56	76	183383	0.894	ppbv #	88
29) Chloroform	5.76	83	5658485	19.842	ppbv	89
30) Cyclohexane	7.14	84	87530	0.556	ppbv #	54
34) 2-Butanone	5.25	43	1007215	5.776	ppbv #	70
35) Carbon Tetrachloride	7.03	117	135707	0.489	ppbv	93
36) Benzene	6.90	78	286003	0.747	ppbv #	87
38) Trichloroethene	7.85	130	6720	0.032	ppbv #	63
40) 1,4-Dioxane	7.86	88	71712m	1.043	ppbv	
41) Tetrahydrofuran	6.06	42	361422	3.757	ppbv #	53
44) 2,2,4-Trimethylpentane	7.89	57	181038	0.362	ppbv #	89
50) 4-Methyl-2-Pentanone	8.76	43	472134	1.887	ppbv #	80
51) 2-Hexanone	10.16	43	108473m	0.514	ppbv	
52) Tetrachloroethene	11.25	164	442425	1.893	ppbv #	86
53) Toluene	9.83	91	2772680	5.619	ppbv	99
57) Chlorobenzene	12.17	112	118667	0.272	ppbv #	69
58) Ethyl Benzene	12.73	91	976043	1.546	ppbv	94
59) m/p-Xylene	12.99	91	2327410	4.362	ppbv #	83
60) o-Xylene	13.72	91	1269433	2.448	ppbv	88
61) Styrene	13.55	104	107867	0.257	ppbv #	89
62) Isopropylbenzene	14.69	105	1067940	1.257	ppbv	94
64) n-propylbenzene	15.59	120	724310	2.765	ppbv #	63
65) tert-Butylbenzene	16.80	119	623703	0.755	ppbv #	90
67) sec-Butylbenzene	17.33	105	198421	0.183	ppbv	93
69) p-Isopropyltoluene	17.69	119	2240066	2.323	ppbv #	89
70) n-Butylbenzene	18.59	91	428553	0.470	ppbv #	32
72) 4-Ethyltoluene	15.87	105	3303403	4.854	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.03	105	2283784	3.607	ppbv	89
74) 1,2,4-Trimethylbenzene	16.79	105	4824277	7.012	ppbv #	70
76) 1,4-Dichlorobenzene	17.17	146	180088	0.344	ppbv	96

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QLast Update : Mon Aug 17 19:28:30 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.25	128	1019248	1.052	ppbv	97
80) Naphthalene,2-methyl-	25.00	142	359455	0.898	ppbv	96

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

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