

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036644.D
 Acq On : 2 Apr 2021 14:26
 Operator : SY/AP
 Sample : M1797-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 MF-SG-05(2021)

Manual Integrations
 APPROVED

apatel
 4/5/2021 1:13:52 PM

Quant Time: Apr 04 16:33:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1352954	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3420287	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3034929	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2405091	9.94	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	35168m	0.159	ppbv
3) Chlorodifluoromethane	2.98	51	93606	0.370	ppbv # 91
4) Chloromethane	3.13	50	36389	0.408	ppbv # 87
5) Vinyl Chloride	3.25	62	4015	0.044	ppbv # 73
10) Heptane	8.11	43	40583m	0.198	ppbv
11) Trichlorofluoromethane	3.94	101	42917	0.191	ppbv 91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	14178m	0.099	ppbv
13) Ethanol	3.60	45	3037134	316.486	ppbv 92
15) Acetone	3.84	43	6739910	50.614	ppbv 99
17) tert-Butyl alcohol	4.30	59	74709m	0.644	ppbv
19) Isopropyl Alcohol	3.97	45	414276	5.655	ppbv # 1
20) Methylene Chloride	4.33	84	1461735	23.445	ppbv 90
26) Hexane	5.67	57	1973395	13.432	ppbv # 47
27) Carbon Disulfide	4.54	76	39099	0.270	ppbv # 70
29) Chloroform	5.74	83	89865m	0.382	ppbv
30) Cyclohexane	7.12	84	26936m	0.226	ppbv
32) 1,1,1-Trichloroethane	6.50	97	169768m	0.717	ppbv
34) 2-Butanone	5.24	43	434124	2.600	ppbv 100
35) Carbon Tetrachloride	7.00	117	18349m	0.070	ppbv
36) Benzene	6.88	78	69459	0.220	ppbv # 89
38) Trichloroethene	7.82	130	7598m	0.062	ppbv
40) 1,4-Dioxane	7.83	88	13144m	0.441	ppbv
41) Tetrahydrofuran	6.04	42	34870m	0.453	ppbv
43) Methyl Methacrylate	8.01	69	10880m	0.103	ppbv
44) 2,2,4-Trimethylpentane	7.86	57	117887m	0.212	ppbv
50) 4-Methyl-2-Pentanone	8.74	43	62413m	0.258	ppbv
51) 2-Hexanone	10.13	43	76796m	0.630	ppbv
52) Tetrachloroethene	11.20	164	14597m	0.126	ppbv
53) Toluene	9.80	91	371796	1.107	ppbv 99
58) Ethyl Benzene	12.70	91	76065	0.172	ppbv 95
59) m/p-Xylene	12.96	91	222610m	0.578	ppbv
60) o-Xylene	13.68	91	114876	0.308	ppbv 96
63) 1,1,2,2-Tetrachloroethane	13.67	83	20091m	0.071	ppbv
65) tert-Butylbenzene	16.75	119	168777	0.388	ppbv # 83
67) sec-Butylbenzene	17.28	105	199935	0.326	ppbv 99
69) p-Isopropyltoluene	17.64	119	230281	0.480	ppbv 97
70) n-Butylbenzene	18.55	91	606036	1.219	ppbv # 41
72) 4-Ethyltoluene	15.82	105	146263	0.358	ppbv # 90
73) 1,3,5-Trimethylbenzene	15.99	105	348033	0.914	ppbv 100
74) 1,2,4-Trimethylbenzene	16.75	105	1143489	2.806	ppbv # 70
78) Hexachloro-1,3-Butadiene	23.38	225	85126m	0.441	ppbv

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.19	128	488507m	2.054	ppbv	
80) Naphthalene,2-methyl-	24.96	142	203703	4.344	ppbv	97
81) 1,2,4-Trichlorobenzene	21.93	180	49799m	0.339	ppbv	

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

