

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037352.D
 Acq On : 6 Aug 2021 20:41
 Operator : SY/AP
 Sample : M3157-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1DUP

Manual Integrations
 APPROVED

SAM
 8/10/2021 7:14:11 PM

Quant Time: Aug 09 20:55:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	906929	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2991634	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2432191	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1690005	9.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	31698m	0.154	ppbv
3) Chlorodifluoromethane	2.99	51	184004	1.017	ppbv # 90
4) Chloromethane	3.14	50	33584	0.543	ppbv # 82
5) Vinyl Chloride	3.26	62	11871	0.159	ppbv # 81
7) Chloroethane	3.55	64	3178m	0.127	ppbv
9) Propene	3.01	41	56591	0.932	ppbv 84
10) Heptane	8.11	43	24351m	0.173	ppbv
11) Trichlorofluoromethane	3.94	101	42153	0.239	ppbv 92
12) 1,1,2-Trichlorotrifluoroet	4.48	101	15264m	0.117	ppbv
13) Ethanol	3.60	45	2365131	211.264	ppbv 97
15) Acetone	3.84	43	658115	6.963	ppbv # 68
17) tert-Butyl alcohol	4.30	59	37435m	0.372	ppbv
18) 1,1-Dichloroethene	4.29	96	8834	0.155	ppbv # 81
19) Isopropyl Alcohol	3.97	45	262984	4.597	ppbv # 1
20) Methylene Chloride	4.34	84	993465	12.552	ppbv 97
24) 1,1-Dichloroethane	5.01	63	13424m	0.119	ppbv
26) Hexane	5.68	57	705870	5.344	ppbv # 50
29) Chloroform	5.74	83	674412	3.806	ppbv 99
30) Cyclohexane	7.13	84	80505m	0.781	ppbv
31) cis-1,2-Dichloroethene	5.54	61	406526	3.899	ppbv 97
32) 1,1,1-Trichloroethane	6.50	97	60544	0.322	ppbv 93
34) 2-Butanone	5.24	43	153652	1.530	ppbv 92
35) Carbon Tetrachloride	7.01	117	325099	1.737	ppbv 100
36) Benzene	6.88	78	201417	0.878	ppbv 97
38) Trichloroethene	7.83	130	105959	0.943	ppbv # 89
41) Tetrahydrofuran	6.05	42	27914	0.565	ppbv 98
44) 2,2,4-Trimethylpentane	7.86	57	109200	0.285	ppbv # 90
50) 4-Methyl-2-Pentanone	8.76	43	22936m	0.167	ppbv
52) Tetrachloroethene	11.21	164	2911558	26.626	ppbv 97
53) Toluene	9.80	91	736314	2.755	ppbv 99
58) Ethyl Benzene	12.70	91	73602m	0.231	ppbv
59) m/p-Xylene	12.96	91	202129	0.731	ppbv 95
60) o-Xylene	13.69	91	80186m	0.313	ppbv
61) Styrene	13.51	104	27501m	0.208	ppbv
65) tert-Butylbenzene	16.73	119	19190m	0.055	ppbv
69) p-Isopropyltoluene	17.64	119	23804m	0.060	ppbv
70) n-Butylbenzene	18.54	91	19682m	0.056	ppbv
72) 4-Ethyltoluene	15.83	105	37782m	0.125	ppbv
73) 1,3,5-Trimethylbenzene	15.99	105	30886m	0.108	ppbv
74) 1,2,4-Trimethylbenzene	16.75	105	74190	0.247	ppbv # 74
78) Hexachloro-1,3-Butadiene	23.36	225	5776m	0.040	ppbv

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.19	128	21169m	0.100	ppbv	
80) Naphthalene,2-methyl-	24.98	142	7337	0.190	ppbv #	71
81) 1,2,4-Trichlorobenzene	21.92	180	6335m	0.046	ppbv	

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

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