

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037702.D
 Acq On : 28 Sep 2021 15:00
 Operator : SY/AP
 Sample : M3896-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021

Quant Time: Sep 29 20:39:55 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:

QLast Update : Thu Sep 16 13:42:46 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1375277	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4141709	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3620445	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2638357	10.08	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds

						Qvalue
4) Chloromethane	3.15	50	17853m	0.186	ppbv	
9) Propene	3.03	41	86626	0.947	ppbv	83
10) Heptane	8.13	43	77933	0.365	ppbv	99
11) Trichlorofluoromethane	3.96	101	38737	0.194	ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.49	101	21786m	0.148	ppbv	
13) Ethanol	3.61	45	2005644	224.084	ppbv	91
15) Acetone	3.85	43	2608586	18.256	ppbv	99
17) tert-Butyl alcohol	4.31	59	35811m	0.296	ppbv	
18) 1,1-Dichloroethene	4.30	96	60376m	0.879	ppbv	
19) Isopropyl Alcohol	3.98	45	535282	6.885	ppbv #	96
20) Methylene Chloride	4.35	84	3057281	44.817	ppbv	98
24) 1,1-Dichloroethane	5.02	63	318797	2.251	ppbv	99
26) Hexane	5.70	57	4330319	26.341	ppbv #	46
30) Cyclohexane	7.14	84	31021m	0.221	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	218153	0.976	ppbv	99
34) 2-Butanone	5.25	43	462883	2.750	ppbv	95
35) Carbon Tetrachloride	7.02	117	7202m	0.031	ppbv	
36) Benzene	6.90	78	63669m	0.184	ppbv	
41) Tetrahydrofuran	6.07	42	147662m	1.866	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	27795m	0.130	ppbv	
51) 2-Hexanone	10.15	43	194343m	2.062	ppbv	
52) Tetrachloroethene	11.23	164	9299m	0.070	ppbv	
53) Toluene	9.82	91	443876	1.156	ppbv	99
58) Ethyl Benzene	12.71	91	244816m	0.509	ppbv	
59) m/p-Xylene	12.97	91	561246m	1.340	ppbv	
60) o-Xylene	13.70	91	264975	0.665	ppbv	97
62) Isopropylbenzene	14.68	105	59367m	0.107	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	60351m	0.141	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	152507	0.339	ppbv #	65
79) Naphthalene	22.20	128	105114m	0.381	ppbv	
80) Naphthalene,2-methyl-	24.98	142	28998	0.460	ppbv	85

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

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