

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035126.D
 Acq On : 30 Jun 2020 15:38
 Operator : SY/AP
 Sample : L3124-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENT

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 5:00:32 PM

Quant Time: Jul 01 14:42:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1178625	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2823118	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	2700996	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2299185	10.25	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	36245	0.228	ppbv	95
3) Chlorodifluoromethane	2.95	51	44350m	0.341	ppbv	
4) Chloromethane	3.10	50	25988	0.356	ppbv #	88
5) Vinyl Chloride	3.22	62	11725m	0.169	ppbv	
7) Chloroethane	3.53	64	19414m	0.742	ppbv	
9) Propene	2.97	41	3052936	59.215	ppbv	99
10) Heptane	8.14	43	76802m	0.575	ppbv	
11) Trichlorofluoromethane	3.92	101	104881	0.617	ppbv	92
13) Ethanol	3.59	45	1142360	58.652	ppbv	98
15) Acetone	3.83	43	9081376	63.730	ppbv #	16
17) tert-Butyl alcohol	4.29	59	1429089	11.316	ppbv	100
18) 1,1-Dichloroethene	4.27	96	183280	3.456	ppbv	98
19) Isopropyl Alcohol	3.96	45	588803	6.364	ppbv #	93
20) Methylene Chloride	4.34	84	266690	4.624	ppbv	94
22) trans-1,2-Dichloroethene	4.88	96	56536	1.140	ppbv	95
24) 1,1-Dichloroethane	5.01	63	1658736	11.375	ppbv	100
31) cis-1,2-Dichloroethene	5.56	61	21083	0.197	ppbv #	79
32) 1,1,1-Trichloroethane	6.53	97	73156	0.435	ppbv	99
34) 2-Butanone	5.25	43	17704307	109.202	ppbv #	51
36) Benzene	6.91	78	62561m	0.286	ppbv	
38) Trichloroethene	7.87	130	4032m	0.047	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	83307m	0.218	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	182570	0.793	ppbv	97
51) 2-Hexanone	10.15	43	6524931	36.171	ppbv #	94
53) Toluene	9.84	91	147393m	0.632	ppbv	
58) Ethyl Benzene	12.74	91	66275m	0.218	ppbv	
59) m/p-Xylene	13.00	91	121369m	0.451	ppbv	
60) o-Xylene	13.73	91	56449m	0.211	ppbv	
61) Styrene	13.57	104	30834m	0.183	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.73	83	23457m	0.108	ppbv	
69) p-Isopropyltoluene	17.70	119	59043m	0.151	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	74897m	0.238	ppbv	
75) 1,3-Dichlorobenzene	17.04	146	112907m	0.602	ppbv	
79) Naphthalene	22.27	128	41854m	0.152	ppbv	
80) Naphthalene,2-methyl-	25.01	142	17386	0.165	ppbv	92

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

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