

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035127.D
 Acq On : 30 Jun 2020 16:19
 Operator : SY/AP
 Sample : L3124-03DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 5:00:34 PM

Quant Time: Jul 01 14:45:18 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	1255313	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2948768	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.13	117	2829522	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2361338	10.05	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	35288	0.208	ppbv	94
3) Chlorodifluoromethane	2.95	51	54445m	0.393	ppbv	
4) Chloromethane	3.11	50	30851	0.397	ppbv	94
5) Vinyl Chloride	3.22	62	13390m	0.181	ppbv	
7) Chloroethane	3.52	64	20617	0.740	ppbv #	82
9) Propene	2.97	41	3532516	64.331	ppbv	99
10) Heptane	8.14	43	91074m	0.640	ppbv	
11) Trichlorofluoromethane	3.92	101	103072	0.569	ppbv	93
13) Ethanol	3.59	45	1312004	63.247	ppbv	99
15) Acetone	3.83	43	9199092	60.612	ppbv #	12
17) tert-Butyl alcohol	4.29	59	1573424	11.698	ppbv	99
18) 1,1-Dichloroethene	4.28	96	192408	3.407	ppbv	95
19) Isopropyl Alcohol	3.96	45	684649	6.947	ppbv #	93
20) Methylene Chloride	4.34	84	310526	5.055	ppbv	94
22) trans-1,2-Dichloroethene	4.89	96	59877m	1.133	ppbv	
24) 1,1-Dichloroethane	5.01	63	1784375	11.489	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	22304m	0.196	ppbv	
32) 1,1,1-Trichloroethane	6.53	97	75897m	0.423	ppbv	
34) 2-Butanone	5.25	43	17872773	105.544	ppbv #	50
36) Benzene	6.91	78	66143m	0.290	ppbv	
38) Trichloroethene	7.86	130	3344m	0.038	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	106746m	0.268	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	212824	0.885	ppbv	97
51) 2-Hexanone	10.15	43	6855282	36.383	ppbv #	95
53) Toluene	9.84	91	170824	0.701	ppbv	98
58) Ethyl Benzene	12.74	91	63009m	0.198	ppbv	
59) m/p-Xylene	13.00	91	134088m	0.476	ppbv	
60) o-Xylene	13.73	91	57990m	0.207	ppbv	
61) Styrene	13.56	104	34556	0.196	ppbv	94
69) p-Isopropyltoluene	17.70	119	59893m	0.146	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	73034	0.222	ppbv #	67
75) 1,3-Dichlorobenzene	17.05	146	117286m	0.597	ppbv	
79) Naphthalene	22.28	128	38406m	0.133	ppbv	
80) Naphthalene,2-methyl-	25.03	142	13816	0.125	ppbv #	86

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

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