Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004263.D
Acq On : 12 Dec 2020 17:25
Operator : CG/JU
Sample : L5000-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54A4

Manual Integrations APPROVED
mohammad
12/14/2020 2:46:32 PM

Quant Time: Dec 14 08:22:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	334458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1396866	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	882157	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1923507	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1860821	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2103011	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	21487	2.26	ng/uL	0.00
5) Phenol-d5	7.00	99	449692	16.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	241922	14.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	371459	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	340732	16.30	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	184797	16.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	183307	19.43	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	387992	18.70	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	386324	15.02	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1170412	17.36	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	1554469	18.06	ng/ul	0.02
52) 4-Nitrophenol-d4	14.68	143	145450	12.77	ng/ul	0.02
58) Fluorene-d10	15.49	176	1071269	17.54	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.61	200	11817	1.28	ng/ul	0.03
71) Anthracene-d10	17.35	188	1723070	18.38	ng/ul	0.01
79) Pyrene-d10	19.59	212	1891351	19.51	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2107675	19.03	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.03	94	30881	1.069	ng/ul	94
45) Dimethylphthalate	13.94	163	286341	4.170	ng/ul	99
50) Acenaphthene	14.55	153	61067	1.010	ng/ul	98
70) Phenanthrene	17.29	178	1274696	11.233	ng/ul	100
72) Anthracene	17.38	178	316592	2.820	ng/ul	98
75) Carbazole	17.65	167	112831	1.235	ng/ul	99
77) Fluoranthene	19.26	202	2038273	16.822	ng/ul	96
80) Pyrene	19.62	202	1848438	14.726	ng/ul	96
83) Benzo(a)anthracene	21.32	228	943278	7.690	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.25	149	461457	8.225	ng/ul#	97
85) Chrysene	21.37	228	913825m	7.594	ng/ul	
88) Benzo(b)fluoranthene	22.99	252	1361092	10.206	ng/ul#	95
89) Benzo(k)fluoranthene	23.03	252	375401m	2.741	ng/ul	
91) Benzo(a)pyrene	23.60	252	1074282	8.632	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.14	276	799218	5.121	ng/ul	94
93) Dibenzo(a,h)anthracene	26.14	278	201891	1.543	ng/ul#	70
94) Benzo(g,h,i)perylene	26.88	276	701168	5.355	ng/ul	95

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

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