Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004253.D
Acq On : 12 Dec 2020 11:45
Operator : CG/JU
Sample : L5063-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD9

Manual Integrations APPROVED
mohammad
12/14/2020 2:45:37 PM

Quant Time: Dec 14 14:25:28 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	7.83	152	374424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1433296	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	845044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1734941	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1800412	20.00	ng/ul	0.02
86) Perylene-d12	23.73	264	2199279m	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	24713	2.32	ng/uL	0.00
5) Phenol-d5	6.99	99	534652	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	312588	16.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	433660	18.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	418998	17.90	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	214440	18.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	223426	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	413962	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	687356	26.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1097151	16.99	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1536887	18.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	202708	18.58	ng/ul	0.01
58) Fluorene-d10	15.48	176	1043388	17.84	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	127251	15.29	ng/ul	0.02
71) Anthracene-d10	17.35	188	1596304	18.88	ng/ul	0.01
79) Pyrene-d10	19.59	212	1867647	19.91	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.58	264	2192849	18.93	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	7.02	94	38152	1.180	ng/ul#	89
24) 2,4-Dimethylphenol	9.83	107	29462m	1.179	ng/ul	
28) Naphthalene	10.67	128	1051480	12.940	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	2768775	50.647	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	424652	5.992	ng/ul	98
45) Dimethylphthalate	13.93	163	110774	1.684	ng/ul#	75
48) Acenaphthylene	14.20	152	185104	2.263	ng/ul#	1
50) Acenaphthene	14.54	153	241313	4.166	ng/ul	93
59) Fluorene	15.53	166	469218	7.188	ng/ul#	81
70) Phenanthrene	17.29	178	5756705	56.243	ng/ul	96
72) Anthracene	17.37	178	753539m	7.441	ng/ul	
77) Fluoranthene	19.26	202	1457989	13.340	ng/ul#	95
80) Pyrene	19.62	202	7824958	64.431	ng/ul#	94
83) Benzo(a)anthracene	21.33	228	936827	7.894	ng/ul#	29
85) Chrysene	21.38	228	1207483m	10.371	ng/ul	
88) Benzo(b)fluoranthene	23.01	252	680660m	4.880	ng/ul	
91) Benzo(a)pyrene	23.63	252	620489m	4.768	ng/ul	
92) Indeno(1,2,3-cd)pyrene	26.17	276	331090m	2.029	ng/ul	
93) Dibenzo(a,h)anthracene	26.17	278	147544m	1.079	ng/ul	
94) Benzo(g,h,i)perylene	26.92	276	527780m	3.854	ng/ul	

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

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