Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE0

Manual Integrations APPROVED
mohammad
12/14/2020 2:45:40 PM

Quant Time: Dec 14 14:28:02 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	347466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1328906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	784542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1614205	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1760153	20.00	ng/ul	0.02
86) Perylene-d12	23.73	264	2116595	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	15164	1.53	ng/uL	0.00
5) Phenol-d5	6.99	99	349493	12.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	204641	11.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	288162	13.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	279774	12.88	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	143607	13.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	149745	16.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	281165	14.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	611131	24.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	754216	12.58	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1036597	13.54	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	163193m	16.11	ng/ul	0.01
58) Fluorene-d10	15.48	176	695190	12.80	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	77046	9.95	ng/ul	0.02
71) Anthracene-d10	17.35	188	1109962	14.11	ng/ul	0.01
79) Pyrene-d10	19.59	212	1303050	14.21	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.57	264	1549520	13.90	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.02	94	83137	2.770	ng/ul	96
24) 2,4-Dimethylphenol	9.84	107	26400m	1.140	ng/ul	
28) Naphthalene	10.68	128	478654	6.353	ng/ul#	91
34) 2-Methylnaphthalene	12.30	142	1585210	31.275	ng/ul	98
41) 1,1'-Biphenyl	13.31	154	243384	3.699	ng/ul	96
45) Dimethylphthalate	13.93	163	199468	3.266	ng/ul#	88
48) Acenaphthylene	14.20	152	135908m	1.789	ng/ul	
50) Acenaphthene	14.55	153	304939m	5.671	ng/ul	
54) Dibenzofuran	14.88	168	313416m	4.136	ng/ul	
59) Fluorene	15.53	166	330365	5.451	ng/ul#	79
70) Phenanthrene	17.29	178	5193850	54.539	ng/ul	96
72) Anthracene	17.38	178	685224m	7.273	ng/ul	
77) Fluoranthene	19.26	202	1138173	11.193	ng/ul#	94
80) Pyrene	19.62	202	6253923	52.673	ng/ul	95
83) Benzo(a)anthracene	21.33	228	765541	6.598	ng/ul#	28
85) Chrysene	21.38	228	966226m	8.489	ng/ul	
88) Benzo(b)fluoranthene	23.01	252	493748m	3.678	ng/ul	
91) Benzo(a)pyrene	23.62	252	461413	3.684	ng/ul#	15
92) Indeno(1,2,3-cd)pyrene	26.16	276	224453	1.429	ng/ul#	54
94) Benzo(g,h,i)perylene	26.92	276	342207	2.597	ng/ul#	69

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

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