Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000293.D
Acq On : 18 Sep 2019 13:02
Operator : HP/JU
Sample : PB123079BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Manual Integrations APPROVED
mohammad
9/19/2019 4:43:31 PM

Quant Time: Sep 19 13:47:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 13:31:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	270685	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1030782	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	575994	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1083464	20.00	ng	0.00
76) Chrysene-d12	14.00	240	865490	20.00	ng	0.00
87) Perylene-d12	15.48	264	922423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1594630	101.70	ng	0.02
7) Phenol-d6	6.43	99	1920262	99.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	1047674	65.58	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	679791	118.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2393165	74.78	ng	0.00
79) Terphenyl-d14	12.93	244	2855393	69.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	255106	36.054	ng	98
3) Pyridine	3.34	79	606418	31.836	ng	98
4) n-Nitrosodimethylamine	3.28	42	190276	35.426	ng	98
6) Aniline	6.45	93	758739	28.632	ng	94
8) 2-Chlorophenol	6.58	128	691018	40.927	ng	99
9) Benzaldehyde	6.34	77	377362	35.699	ng	97
10) Phenol	6.45	94	828304	37.932	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	627494	37.524	ng	97
12) 1,3-Dichlorobenzene	6.73	146	782181	38.605	ng	99
13) 1,4-Dichlorobenzene	6.81	146	802307	39.799	ng	98
14) 1,2-Dichlorobenzene	6.96	146	744442	40.313	ng	99
15) Benzyl Alcohol	6.93	79	553674	39.586	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	557561	35.169	ng	99
17) 2-Methylphenol	7.05	107	565385	39.097	ng	99
18) Hexachloroethane	7.30	117	281022	37.670	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	377294	37.128	ng	99
20) 3+4-Methylphenols	7.20	107	687242	39.300	ng	92
22) Acetophenone	7.20	105	925595	41.436	ng	98
24) Nitrobenzene	7.37	77	649208	39.123	ng	98
25) Isophorone	7.61	82	1205689	38.112	ng	100
26) 2-Nitrophenol	7.69	139	363561	41.327	ng	96
27) 2,4-Dimethylphenol	7.73	122	615311	43.910	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	796272	37.844	ng	100
29) 2,4-Dichlorophenol	7.93	162	629516	41.916	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	695840	40.422	ng	98
31) Naphthalene	8.10	128	1981110	41.499	ng	99
32) Benzoic acid	7.83	122	353133	37.323	ng	98
33) 4-Chloroaniline	8.14	127	536601	24.837	ng	100
34) Hexachlorobutadiene	8.22	225	416761	40.860	ng	100
35) Caprolactam	8.50	113	200554m	39.255	ng	
36) 4-Chloro-3-methylphenol	8.63	107	621124	40.740	ng	99
37) 2-Methylnaphthalene	8.79	142	1370805	42.005	ng	99
38) 1-Methylnaphthalene	8.89	142	1270748	41.568	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	705814	42.858	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	776816	82.143	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	473395	41.542	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	508771	43.601	ng		99
46) 1,1'-Biphenyl	9.26	154	1700938	42.688	ng		98
47) 2-Chloronaphthalene	9.28	162	1320931	39.519	ng		98
48) 2-Nitroaniline	9.37	65	311629	36.713	ng		96
49) Acenaphthylene	9.70	152	2085965	41.516	ng		100
50) Dimethylphthalate	9.56	163	1581046	40.288	ng		99
51) 2,6-Dinitrotoluene	9.62	165	361952	41.947	ng		88
52) Acenaphthene	9.87	154	1236607	39.001	ng		100
53) 3-Nitroaniline	9.78	138	283654	28.321	ng		98
54) 2,4-Dinitrophenol	9.90	184	303756	79.681	ng	#	89
55) Dibenzofuran	10.05	168	1876677	41.869	ng		97
56) 4-Nitrophenol	9.95	139	577404	77.511	ng		94
57) 2,4-Dinitrotoluene	10.02	165	469581	41.628	ng		90
58) Fluorene	10.39	166	1431201	41.340	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	429490	44.731	ng		97
60) Diethylphthalate	10.26	149	1525622	40.413	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	760959	42.820	ng		93
62) 4-Nitroaniline	10.40	138	380662	38.641	ng		96
63) Azobenzene	10.54	77	1246698	38.980	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	219168	43.020	ng		92
66) n-Nitrosodiphenylamine	10.50	169	1312827	40.251	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	493218	40.256	ng	#	92
68) Hexachlorobenzene	10.95	284	534848	39.931	ng		99
69) Atrazine	11.03	200	426809	51.720	ng		99
70) Pentachlorophenol	11.14	266	599513	82.181	ng		99
71) Phenanthrene	11.36	178	2235752	41.178	ng		100
72) Anthracene	11.41	178	2247345	40.212	ng		100
73) Carbazole	11.56	167	2049613	40.723	ng		99
74) Di-n-butylphthalate	11.90	149	2433022	38.191	ng		99
75) Fluoranthene	12.55	202	2473773	42.431	ng		99
77) Benzidine	12.67	184	1117534	36.154	ng		99
78) Pyrene	12.79	202	2492881	38.498	ng		100
80) Butylbenzylphthalate	13.41	149	1084730	36.457	ng		98
81) Benzo(a)anthracene	13.99	228	2132490	39.006	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	693306	31.555	ng		100
83) Chrysene	14.02	228	2105373	39.222	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1407873	39.417	ng		99
85) Di-n-octyl phthalate	14.60	149	2527428	38.180	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2501525	38.232	ng		96
88) Benzo(b)fluoranthene	15.05	252	2369078	43.052	ng	#	96
89) Benzo(k)fluoranthene	15.08	252	2092120	43.585	ng	#	97
90) Benzo(a)pyrene	15.42	252	2184121	43.620	ng	#	97
91) Dibenzo(a,h)anthracene	16.99	278	2052681	43.970	ng		97
92) Benzo(g,h,i)perylene	17.42	276	2079054	43.327	ng		96

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

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