Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000319.D
Acq On : 19 Sep 2019 10:41
Operator : HP/JU
Sample : PB123199BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Manual Integrations APPROVED
mohammad
9/20/2019 1:08:28 PM

Quant Time: Sep 20 04:24:10 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 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	224923	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	879371	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	499193	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	960882	20.00	ng		0.00
76) Chrysene-d12	14.00	240	780893	20.00	ng		0.00
87) Perylene-d12	15.48	264	800790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1362635	104.59	ng		0.01
7) Phenol-d6	6.43	99	1643372	102.90	ng		0.00
23) Nitrobenzene-d5	7.35	82	895370	65.69	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	608748	122.95	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2095612	75.56	ng		0.00
79) Terphenyl-d14	12.93	244	2521442	67.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	219074	37.261	ng		99
3) Pyridine	3.30	79	497751	31.448	ng		99
4) n-Nitrosodimethylamine	3.24	42	163019	36.526	ng		97
6) Aniline	6.45	93	645065	29.295	ng		97
8) 2-Chlorophenol	6.58	128	590662	42.101	ng		98
9) Benzaldehyde	6.34	77	309467	35.132	ng		94
10) Phenol	6.44	94	706466	38.934	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	530722	38.195	ng		96
12) 1,3-Dichlorobenzene	6.73	146	660154	39.211	ng		99
13) 1,4-Dichlorobenzene	6.81	146	680988	40.654	ng		97
14) 1,2-Dichlorobenzene	6.96	146	629657	41.035	ng		98
15) Benzyl Alcohol	6.93	79	474152	40.797	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	468258	35.545	ng		99
17) 2-Methylphenol	7.05	107	481053	40.033	ng		99
18) Hexachloroethane	7.30	117	239543	38.643	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	323114	38.266	ng		98
20) 3+4-Methylphenols	7.20	107	590943	40.668	ng	#	87
22) Acetophenone	7.20	105	789962	41.453	ng		98
24) Nitrobenzene	7.37	77	551565	38.962	ng		98
25) Isophorone	7.61	82	1039390	38.513	ng		100
26) 2-Nitrophenol	7.69	139	312299	41.612	ng		95
27) 2,4-Dimethylphenol	7.73	122	527655	44.138	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	680542	37.913	ng		100
29) 2,4-Dichlorophenol	7.93	162	539825	42.133	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	596274	40.602	ng		98
31) Naphthalene	8.10	128	1699873	41.738	ng		99
32) Benzoic acid	7.83	122	282825	35.039	ng		97
33) 4-Chloroaniline	8.14	127	472115	25.615	ng		99
34) Hexachlorobutadiene	8.22	225	358340	41.181	ng		100
35) Caprolactam	8.50	113	175654m	40.301	ng		
36) 4-Chloro-3-methylphenol	8.63	107	548149	42.144	ng		97
37) 2-Methylnaphthalene	8.79	142	1191202	42.786	ng		99
38) 1-Methylnaphthalene	8.89	142	1110351	42.575	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	618279	43.319	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	635826	77.578 ng		99
43) 2,4,6-Trichlorophenol	9.07	196	412978	41.816 ng		100
44) 2,4,5-Trichlorophenol	9.11	196	444123	43.917 ng		97
46) 1,1'-Biphenyl	9.26	154	1483086	42.947 ng		98
47) 2-Chloronaphthalene	9.28	162	1161374	40.091 ng		98
48) 2-Nitroaniline	9.37	65	270897	36.824 ng		94
49) Acenaphthylene	9.70	152	1829986	42.025 ng		99
50) Dimethylphthalate	9.56	163	1397367	41.086 ng		99
51) 2,6-Dinitrotoluene	9.62	165	321255	42.959 ng		92
52) Acenaphthene	9.87	154	1070381	38.952 ng		99
53) 3-Nitroaniline	9.78	138	241161	27.783 ng		98
54) 2,4-Dinitrophenol	9.90	184	266042	80.525 ng		93
55) Dibenzofuran	10.05	168	1661122	42.762 ng		99
56) 4-Nitrophenol	9.95	139	510417	79.060 ng		96
57) 2,4-Dinitrotoluene	10.02	165	422292	43.196 ng	#	88
58) Fluorene	10.39	166	1274078	42.463 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	375327	45.104 ng		97
60) Diethylphthalate	10.26	149	1380210	42.186 ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	672310	43.652 ng		95
62) 4-Nitroaniline	10.40	138	335991	39.353 ng		97
63) Azobenzene	10.54	77	1101216	39.729 ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	198360	43.903 ng		95
66) n-Nitrosodiphenylamine	10.50	169	1156449	39.980 ng		100
67) 4-Bromophenyl-phenylether	10.88	248	440520	40.542 ng		92
68) Hexachlorobenzene	10.95	284	477284	40.179 ng		93
69) Atrazine	11.03	200	384045	Below Cal		99
70) Pentachlorophenol	11.14	266	520903	80.514 ng		100
71) Phenanthrene	11.36	178	1989460	41.316 ng		100
72) Anthracene	11.41	178	2001061	40.373 ng		100
73) Carbazole	11.56	167	1826522	40.921 ng		99
74) Di-n-butylphthalate	11.90	149	2233286	39.528 ng		99
75) Fluoranthene	12.56	202	2209072	42.724 ng		97
77) Benzidine	12.67	184	854674	30.646 ng		98
78) Pyrene	12.79	202	2175762	37.241 ng		100
80) Butylbenzylphthalate	13.41	149	900754	33.553 ng		96
81) Benzo(a)anthracene	13.99	228	1920723	38.939 ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	682447	34.425 ng		99
83) Chrysene	14.03	228	1900984	39.251 ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1278085	39.660 ng		99
85) Di-n-octyl phthalate	14.60	149	2221241	37.190 ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2020439	34.224 ng		95
88) Benzo(b)fluoranthene	15.05	252	2030826	42.511 ng		98
89) Benzo(k)fluoranthene	15.08	252	1981114	47.541 ng		97
90) Benzo(a)pyrene	15.42	252	1943247	44.704 ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1667715	41.150 ng		97
92) Benzo(g,h,i)perylene	17.43	276	1692305	40.624 ng		95

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

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