Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000450.D
Acq On : 27 Sep 2019 12:18
Operator : JU
Sample : PB123396BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Manual Integrations APPROVED
mohammad
9/30/2019 8:15:01 AM

Quant Time: Sep 27 15:10:00 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	221899	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	854754	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	477054	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	886107	20.00	ng		0.00
76) Chrysene-d12	14.01	240	756371	20.00	ng		0.01
87) Perylene-d12	15.49	264	833537	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1401015	109.00	ng		0.02
7) Phenol-d6	6.43	99	1699573	107.87	ng		0.01
23) Nitrobenzene-d5	7.35	82	914368	69.02	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	516990	109.26	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1976054	74.55	ng		0.00
79) Terphenyl-d14	12.94	244	2406245	66.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	214270	36.941	ng		100
3) Pyridine	3.28	79	511904	32.783	ng		98
4) n-Nitrosodimethylamine	3.22	42	174529	39.638	ng		97
6) Aniline	6.45	93	678471	31.232	ng	#	92
8) 2-Chlorophenol	6.58	128	587618	42.454	ng		99
9) Benzaldehyde	6.33	77	302925	34.798	ng		99
10) Phenol	6.45	94	734945	41.056	ng		78
11) bis(2-Chloroethyl)ether	6.52	93	552162	40.279	ng		99
12) 1,3-Dichlorobenzene	6.73	146	656471	39.524	ng		99
13) 1,4-Dichlorobenzene	6.80	146	667754	40.407	ng		98
14) 1,2-Dichlorobenzene	6.96	146	627982	41.483	ng		98
15) Benzyl Alcohol	6.93	79	463383	40.414	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	510304	39.265	ng		99
17) 2-Methylphenol	7.05	107	491953	41.498	ng		99
18) Hexachloroethane	7.30	117	236404	38.656	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	333517	40.036	ng		97
20) 3+4-Methylphenols	7.20	107	607529	42.379	ng		97
22) Acetophenone	7.19	105	807892	43.615	ng	#	98
24) Nitrobenzene	7.37	77	560267	40.716	ng		98
25) Isophorone	7.61	82	1033860	39.411	ng		98
26) 2-Nitrophenol	7.69	139	305448	41.871	ng		98
27) 2,4-Dimethylphenol	7.73	122	522976	45.007	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	689514	39.519	ng		99
29) 2,4-Dichlorophenol	7.93	162	523157	42.008	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	568244	39.808	ng		99
31) Naphthalene	8.09	128	1672754	42.255	ng		99
32) Benzoic acid	7.84	122	251124	32.007	ng		96
33) 4-Chloroaniline	8.14	127	492745	27.504	ng		99
34) Hexachlorobutadiene	8.22	225	329655	38.976	ng		99
35) Caprolactam	8.50	113	169004m	39.892	ng		
36) 4-Chloro-3-methylphenol	8.63	107	517918	40.966	ng		97
37) 2-Methylnaphthalene	8.79	142	1152424	42.585	ng		100
38) 1-Methylnaphthalene	8.89	142	1075587	42.430	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578236	42.393	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	496522	63.393	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	372936	39.514	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	402925	41.692	ng	94
46) 1,1'-Biphenyl	9.25	154	1424068	43.151	ng	99
47) 2-Chloronaphthalene	9.28	162	1115542	40.296	ng	99
48) 2-Nitroaniline	9.37	65	275213	39.147	ng	90
49) Acenaphthylene	9.69	152	1759863	42.290	ng	100
50) Dimethylphthalate	9.56	163	1311058	40.337	ng	98
51) 2,6-Dinitrotoluene	9.62	165	297247	41.593	ng	89
52) Acenaphthene	9.87	154	1024808	39.025	ng	99
53) 3-Nitroaniline	9.78	138	230044	27.732	ng	96
54) 2,4-Dinitrophenol	9.90	184	227767	72.139	ng	95
55) Dibenzofuran	10.04	168	1568322	42.246	ng	100
56) 4-Nitrophenol	9.96	139	441759	71.601	ng	89
57) 2,4-Dinitrotoluene	10.02	165	395388	42.321	ng	90
58) Fluorene	10.39	166	1205166	42.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	336139	42.269	ng	97
60) Diethylphthalate	10.26	149	1263874	40.423	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	618287	42.007	ng	93
62) 4-Nitroaniline	10.40	138	328698	40.286	ng	97
63) Azobenzene	10.54	77	1097850	41.445	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	175721	42.174	ng	99
66) n-Nitrosodiphenylamine	10.50	169	1090267	40.872	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	391302	39.051	ng	93
68) Hexachlorobenzene	10.95	284	421562	38.483	ng	96
70) Pentachlorophenol	11.15	266	383109	64.213	ng	99
71) Phenanthrene	11.36	178	1864337	41.985	ng	100
72) Anthracene	11.41	178	1894910	41.458	ng	100
73) Carbazole	11.56	167	1770690	43.017	ng	99
74) Di-n-butylphthalate	11.90	149	2039616	39.147	ng	99
75) Fluoranthene	12.56	202	2095999	43.958	ng	99
77) Benzidine	12.68	184	873425	32.333	ng	99
78) Pyrene	12.79	202	2150913	38.009	ng	100
80) Butylbenzylphthalate	13.42	149	923514	35.517	ng	98
81) Benzo(a)anthracene	14.00	228	1876140	39.268	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	615602	32.060	ng	99
83) Chrysene	14.03	228	1851095	39.460	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1211991	38.829	ng	99
85) Di-n-octyl phthalate	14.61	149	2205070	38.116	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2304271	40.298	ng	99
88) Benzo(b)fluoranthene	15.06	252	2037360	40.972	ng	98
89) Benzo(k)fluoranthene	15.09	252	1935744	44.628	ng	99
90) Benzo(a)pyrene	15.43	252	1970561	43.552	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1886763	44.726	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1929128	44.490	ng	98

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

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