Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002621.D
Acq On : 02 Jul 2020 09:31
Operator : CG/JU
Sample : PB129912BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129912BS

Quant Time: Jul 02 11:46:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	200738	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	763722	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	426515	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	841547	20.00	ng		0.00
76) Chrysene-d12	21.10	240	736923	20.00	ng		0.00
86) Perylene-d12	23.30	264	814377	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1559676	131.55	ng		0.00
7) Phenol-d6	6.78	99	1971723	119.15	ng		0.00
23) Nitrobenzene-d5	8.72	82	1237536	83.49	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	552488	106.50	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	2394245	82.62	ng		0.00
79) Terphenyl-d14	19.57	244	2995394	87.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	204358	40.216	ng		97
3) Pyridine	3.52	79	584576	38.815	ng		99
4) n-Nitrosodimethylamine	3.45	42	265059	41.461	ng		85
6) Aniline	6.91	93	829596	39.906	ng		98
8) 2-Chlorophenol	7.15	128	585203	44.434	ng		96
9) Benzaldehyde	6.72	77	235317	25.016	ng		98
10) Phenol	6.80	94	756591	45.338	ng		95
11) bis(2-Chloroethyl)ether	7.01	93	590189	43.090	ng		98
12) 1,3-Dichlorobenzene	7.46	146	630355	41.478	ng		99
13) 1,4-Dichlorobenzene	7.61	146	644530	41.629	ng		98
14) 1,2-Dichlorobenzene	7.92	146	597130	40.067	ng		98
15) Benzyl Alcohol	7.82	79	492704	39.624	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.11	45	816062	42.764	ng		99
17) 2-Methylphenol	8.03	107	481884	38.579	ng		98
18) Hexachloroethane	8.64	117	233951	41.867	ng		97
19) n-Nitroso-di-n-propylamine	8.38	70	425796	39.217	ng		99
20) 3+4-Methylphenols	8.36	107	648637	38.517	ng		96
22) Acetophenone	8.39	105	805251	41.657	ng	#	97
24) Nitrobenzene	8.76	77	654584	41.723	ng		99
25) Isophorone	9.29	82	1184361	39.867	ng		98
26) 2-Nitrophenol	9.47	139	310066	43.334	ng		96
27) 2,4-Dimethylphenol	9.55	122	496188	45.765	ng		97
28) bis(2-Chloroethoxy)methane	9.77	93	751028	44.010	ng		99
29) 2,4-Dichlorophenol	10.01	162	525338	42.042	ng		99
30) 1,2,4-Trichlorobenzene	10.22	180	565111	40.171	ng		99
31) Naphthalene	10.40	128	1665283	41.190	ng		99
32) Benzoic acid	9.71	122	206811	28.584	ng		100
33) 4-Chloroaniline	10.51	127	486471	27.508	ng		98
34) Hexachlorobutadiene	10.69	225	329753	38.297	ng		96
35) Caprolactam	11.28	113	162271	38.633	ng		94
36) 4-Chloro-3-methylphenol	11.66	107	543546	39.688	ng		99
37) 2-Methylnaphthalene	12.02	142	1186142	40.238	ng		99
38) 1-Methylnaphthalene	12.25	142	1090134	39.266	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	578087	43.407	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	623526	89.157	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	392524	43.559	ng	96
44) 2,4,5-Trichlorophenol	12.73	196	411878	39.705	ng	96
46) 1,1'-Biphenyl	13.05	154	1381379	42.816	ng	98
47) 2-Chloronaphthalene	13.09	162	1110047	42.267	ng	96
48) 2-Nitroaniline	13.30	65	350113	41.788	ng	95
49) Acenaphthylene	13.95	152	1730116	41.859	ng	100
50) Dimethylphthalate	13.69	163	1319704	39.395	ng	99
51) 2,6-Dinitrotoluene	13.81	165	296461	40.976	ng	95
52) Acenaphthene	14.29	154	1023195	41.958	ng	99
53) 3-Nitroaniline	14.13	138	238096	30.224	ng	99
54) 2,4-Dinitrophenol	14.36	184	313145	70.226	ng	90
55) Dibenzofuran	14.63	168	1613722	40.834	ng	98
56) 4-Nitrophenol	14.47	139	455683	73.480	ng	94
57) 2,4-Dinitrotoluene	14.60	165	393146	40.395	ng	99
58) Fluorene	15.29	166	1205067	40.039	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	351321	41.924	ng	97
60) Diethylphthalate	15.07	149	1266794	38.029	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	615536	38.136	ng	95
62) 4-Nitroaniline	15.31	138	301173	38.251	ng	91
63) Azobenzene	15.58	77	1349251	41.890	ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	223221	41.595	ng	96
66) n-Nitrosodiphenylamine	15.50	169	1100081	44.779	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	390410	41.283	ng	96
68) Hexachlorobenzene	16.30	284	426930	42.140	ng	97
69) Atrazine	16.47	200	346640	43.974	ng	99
70) Pentachlorophenol	16.65	266	453146	78.322	ng	98
71) Phenanthrene	17.03	178	1923235	42.476	ng	100
72) Anthracene	17.12	178	1981337	43.974	ng	99
73) Carbazole	17.40	167	1801162	41.363	ng	99
74) Di-n-butylphthalate	17.97	149	2099772	40.945	ng	99
75) Fluoranthene	19.02	202	2251433	41.079	ng	98
78) Pyrene	19.37	202	2234857	44.555	ng	100
80) Butylbenzylphthalate	20.26	149	932831	42.598	ng	98
81) Benzo(a)anthracene	21.08	228	2038984	42.322	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	663411	37.612	ng	97
83) Chrysene	21.13	228	1919144	41.542	ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1306956	41.563	ng	98
85) Di-n-octyl phthalate	21.90	149	2326981	41.898	ng	99
87) Indeno(1,2,3-cd)pyrene	25.53	276	2788052	47.548	ng	98
88) Benzo(b)fluoranthene	22.64	252	2173805	41.832	ng	99
89) Benzo(k)fluoranthene	22.69	252	2096008	43.236	ng	98
90) Benzo(a)pyrene	23.20	252	2063161	43.265	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2289321	47.780	ng	97
92) Benzo(g,h,i)perylene	26.20	276	2310440	48.215	ng	99

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

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