Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003259.D
Acq On : 11 Sep 2020 14:17
Operator : CG/JU
Sample : PB131546BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131546BS

Quant Time: Sep 11 15:46:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	218130	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	828009	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	482259	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	993207	20.00	ng		0.00
76) Chrysene-d12	21.15	240	831638	20.00	ng		0.00
86) Perylene-d12	23.37	264	806736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1098242	89.02	ng		0.00
7) Phenol-d6	6.84	99	1282285	82.91	ng		0.00
23) Nitrobenzene-d5	8.80	82	1101925	95.94	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	625450	95.89	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	2957419	89.81	ng		0.00
79) Terphenyl-d14	19.62	244	3994366	105.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	190254	40.336	ng		99
3) Pyridine	3.57	79	369767	29.789	ng		99
4) n-Nitrosodimethylamine	3.49	42	142735	44.034	ng		94
6) Aniline	6.98	93	587048	34.863	ng		99
8) 2-Chlorophenol	7.22	128	592008	43.042	ng		98
9) Benzaldehyde	6.79	77	90515	12.553	ng		98
10) Phenol	6.87	94	604134	42.151	ng		98
11) bis(2-Chloroethyl)ether	7.08	93	458044	40.377	ng		100
12) 1,3-Dichlorobenzene	7.53	146	647856	38.738	ng		98
13) 1,4-Dichlorobenzene	7.68	146	656397	38.878	ng		99
14) 1,2-Dichlorobenzene	8.00	146	614904	38.416	ng		99
15) Benzyl Alcohol	7.89	79	384526	44.128	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	382988	39.839	ng		99
17) 2-Methylphenol	8.10	107	437109	42.810	ng		100
18) Hexachloroethane	8.72	117	218326	39.527	ng		99
19) n-Nitroso-di-n-propylamine	8.45	70	288967	41.355	ng		99
20) 3+4-Methylphenols	8.43	107	586587	42.638	ng		99
22) Acetophenone	8.46	105	710709	38.542	ng	#	99
24) Nitrobenzene	8.84	77	481536	42.685	ng		100
25) Isophorone	9.36	82	912344	45.020	ng		100
26) 2-Nitrophenol	9.55	139	326983	48.630	ng		98
27) 2,4-Dimethylphenol	9.62	122	488002	48.279	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	597652	39.595	ng		99
29) 2,4-Dichlorophenol	10.09	162	559431	44.610	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	598125	40.058	ng		100
31) Naphthalene	10.48	128	1718863	40.405	ng		100
32) Benzoic acid	9.80	122	251819	35.165	ng		96
33) 4-Chloroaniline	10.59	127	582488	32.771	ng		100
34) Hexachlorobutadiene	10.77	225	362695	40.474	ng		99
35) Caprolactam	11.37	113	164805	43.732	ng		96
36) 4-Chloro-3-methylphenol	11.74	107	531705	45.410	ng		97
37) 2-Methylnaphthalene	12.10	142	1254522	41.224	ng		100
38) 1-Methylnaphthalene	12.32	142	1180916	40.828	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	611910	42.810	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	452578	66.981 ng	99
43) 2,4,6-Trichlorophenol	12.72	196	429633	45.712 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	459725	46.243 ng	99
46) 1,1'-Biphenyl	13.12	154	1523737	42.123 ng	99
47) 2-Chloronaphthalene	13.16	162	1199009	40.493 ng	99
48) 2-Nitroaniline	13.36	65	261927	47.245 ng	95
49) Acenaphthylene	14.01	152	1913859	42.745 ng	99
50) Dimethylphthalate	13.76	163	1535268	41.746 ng	100
51) 2,6-Dinitrotoluene	13.87	165	348205	45.556 ng	99
52) Acenaphthene	14.36	154	1127481	40.990 ng	99
53) 3-Nitroaniline	14.20	138	308795	35.658 ng	100
54) 2,4-Dinitrophenol	14.42	184	265514	65.181 ng	96
55) Dibenzofuran	14.69	168	1787758	41.384 ng	97
56) 4-Nitrophenol	14.54	139	522411	83.853 ng	96
57) 2,4-Dinitrotoluene	14.67	165	474063	46.128 ng	98
58) Fluorene	15.35	166	1384170	41.595 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	403553	44.866 ng	99
60) Diethylphthalate	15.13	149	1543372	42.775 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	710446	41.342 ng	99
62) 4-Nitroaniline	15.37	138	353295	39.689 ng	95
63) Azobenzene	15.64	77	1056200	44.106 ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	232585	48.966 ng	98
66) n-Nitrosodiphenylamine	15.56	169	1285124	44.251 ng	99
67) 4-Bromophenyl-phenylether	16.24	248	482833	44.048 ng	96
68) Hexachlorobenzene	16.36	284	564469	43.253 ng	100
69) Atrazine	16.52	200	392425	40.064 ng	99
70) Pentachlorophenol	16.71	266	527064	84.456 ng	99
71) Phenanthrene	17.09	178	2231963	41.472 ng	99
72) Anthracene	17.18	178	2261602	43.909 ng	100
73) Carbazole	17.45	167	2058429	41.641 ng	100
74) Di-n-butylphthalate	18.02	149	2589053	44.554 ng	100
75) Fluoranthene	19.07	202	2544887	40.914 ng	100
77) Benzidine	19.25	184	987124	51.935 ng	99
78) Pyrene	19.42	202	2523960	46.761 ng	100
80) Butylbenzylphthalate	20.30	149	1120080	50.400 ng	97
81) Benzo(a)anthracene	21.13	228	2210680	42.437 ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	780124	40.713 ng	98
83) Chrysene	21.18	228	2148840	43.083 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1541576	48.033 ng	99
85) Di-n-octyl phthalate	21.94	149	2650075	48.160 ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	2734225	45.448 ng	100
88) Benzo(b)fluoranthene	22.70	252	2225351	44.382 ng	99
89) Benzo(k)fluoranthene	22.75	252	2176386	45.429 ng	99
90) Benzo(a)pyrene	23.28	252	2033740	43.720 ng	100
91) Dibenzo(a,h)anthracene	25.67	278	2289180	46.319 ng	100
92) Benzo(g,h,i)perylene	26.35	276	2317945	46.735 ng	99

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

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