Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003256.D
Acq On : 11 Sep 2020 12:34
Operator : CG/JU
Sample : PB131525BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131525BS

Quant Time: Sep 11 13:06:41 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	196664	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	762697	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	457306	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	920131	20.00	ng	0.00
76) Chrysene-d12	21.15	240	780189	20.00	ng	0.00
86) Perylene-d12	23.37	264	798070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1077313	96.85	ng	0.00
7) Phenol-d6	6.84	99	1254491	89.97	ng	0.00
23) Nitrobenzene-d5	8.79	82	764807	72.29	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	668365	108.06	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2169473	69.47	ng	0.00
79) Terphenyl-d14	19.62	244	2782832	78.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	212872	50.058	ng	99
3) Pyridine	3.57	79	292525	26.138	ng	99
4) n-Nitrosodimethylamine	3.49	42	119719	40.965	ng	96
6) Aniline	6.98	93	538845	35.494	ng	98
8) 2-Chlorophenol	7.22	128	515682	41.585	ng	99
9) Benzaldehyde	6.79	77	255289	39.270	ng	99
10) Phenol	6.87	94	512727	39.678	ng	96
11) bis(2-Chloroethyl)ether	7.08	93	389053	38.039	ng	99
12) 1,3-Dichlorobenzene	7.53	146	556249	36.891	ng	99
13) 1,4-Dichlorobenzene	7.68	146	562669	36.964	ng	99
14) 1,2-Dichlorobenzene	7.99	146	540850	37.477	ng	99
15) Benzyl Alcohol	7.89	79	349803	44.524	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	326774	37.702	ng	99
17) 2-Methylphenol	8.10	107	382733	41.576	ng	99
18) Hexachloroethane	8.72	117	188274	37.807	ng	98
19) n-Nitroso-di-n-propylamine	8.45	70	249466	39.598	ng	99
20) 3+4-Methylphenols	8.43	107	508741	41.016	ng	99
22) Acetophenone	8.46	105	633800	37.315	ng	99
24) Nitrobenzene	8.83	77	412164	39.664	ng	99
25) Isophorone	9.36	82	784227	42.012	ng	99
26) 2-Nitrophenol	9.55	139	284269	45.898	ng	99
27) 2,4-Dimethylphenol	9.62	122	442655	47.543	ng	98
28) bis(2-Chloroethoxy)methane	9.85	93	508851	36.599	ng	98
29) 2,4-Dichlorophenol	10.09	162	486230	42.093	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	518469	37.697	ng	99
31) Naphthalene	10.48	128	1492381	38.085	ng	99
32) Benzoic acid	9.80	122	216509	33.422	ng	97
33) 4-Chloroaniline	10.59	127	477306	29.153	ng	100
34) Hexachlorobutadiene	10.77	225	319339	38.687	ng	98
35) Caprolactam	11.37	113	143985	41.479	ng	98
36) 4-Chloro-3-methylphenol	11.74	107	457654	42.433	ng	98
37) 2-Methylnaphthalene	12.10	142	1094213	39.035	ng	99
38) 1-Methylnaphthalene	12.32	142	1030023	38.660	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	559013	41.243	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	424150	66.199 ng	98
43) 2,4,6-Trichlorophenol	12.72	196	380118	42.651 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	408789	43.363 ng	99
46) 1,1'-Biphenyl	13.12	154	1373669	40.047 ng	99
47) 2-Chloronaphthalene	13.16	162	1058069	37.683 ng	99
48) 2-Nitroaniline	13.36	65	225555	42.904 ng	95
49) Acenaphthylene	14.01	152	1717336	40.449 ng	99
50) Dimethylphthalate	13.76	163	1347302	38.634 ng	100
51) 2,6-Dinitrotoluene	13.87	165	305405	42.137 ng	100
52) Acenaphthene	14.36	154	987402	37.856 ng	99
53) 3-Nitroaniline	14.20	138	247564	30.148 ng	100
54) 2,4-Dinitrophenol	14.42	184	209285	55.490 ng	96
55) Dibenzofuran	14.69	168	1589826	38.811 ng	98
56) 4-Nitrophenol	14.54	139	460107	77.882 ng	98
57) 2,4-Dinitrotoluene	14.67	165	411634	42.239 ng	99
58) Fluorene	15.35	166	1201608	38.079 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	353302	41.423 ng	100
60) Diethylphthalate	15.13	149	1341436	39.207 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	623048	38.234 ng	100
62) 4-Nitroaniline	15.37	138	307053	36.376 ng	96
63) Azobenzene	15.64	77	912939	40.204 ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	186329	42.344 ng	97
66) n-Nitrosodiphenylamine	15.56	169	1131334	42.049 ng	100
67) 4-Bromophenyl-phenylether	16.24	248	430824	42.425 ng	99
68) Hexachlorobenzene	16.36	284	501294	41.463 ng	98
69) Atrazine	16.52	200	367176	40.463 ng	99
70) Pentachlorophenol	16.71	266	494722	85.570 ng	100
71) Phenanthrene	17.09	178	1953116	39.173 ng	100
72) Anthracene	17.18	178	2003100	41.979 ng	100
73) Carbazole	17.45	167	1803985	39.392 ng	100
74) Di-n-butylphthalate	18.02	149	2257342	41.931 ng	100
75) Fluoranthene	19.07	202	2217815	38.487 ng	100
77) Benzidine	19.25	184	1014478	56.893 ng	99
78) Pyrene	19.42	202	2229688	44.033 ng	100
80) Butylbenzylphthalate	20.30	149	956825	45.894 ng	99
81) Benzo(a)anthracene	21.13	228	1965172	40.212 ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	674619	37.529 ng	99
83) Chrysene	21.18	228	1860900	39.770 ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1332973	44.272 ng	99
85) Di-n-octyl phthalate	21.93	149	2248795	43.563 ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	2538944	42.660 ng	99
88) Benzo(b)fluoranthene	22.70	252	2014817	40.619 ng	100
89) Benzo(k)fluoranthene	22.75	252	1899258	40.075 ng	99
90) Benzo(a)pyrene	23.28	252	1845621	40.107 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2140499	43.781 ng	99
92) Benzo(g,h,i)perylene	26.35	276	2210516	45.053 ng	98

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

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