Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
Data File : BP003100.D
Acq On : 25 Aug 2020 16:07
Operator : CG/JU
Sample : PB131201BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131201BS

Quant Time: Aug 25 16:36:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	210471	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	808662	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	479515	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	985508	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1003330	20.00	ng		0.00
86) Perylene-d12	23.39	264	1224717	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1249553	104.97	ng		0.00
7) Phenol-d6	6.85	99	1442735	96.68	ng		0.00
23) Nitrobenzene-d5	8.81	82	830469	74.03	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	702656	108.35	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	2467950	75.37	ng		0.00
79) Terphenyl-d14	19.63	244	3349283	73.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	144282	31.703	ng		98
3) Pyridine	3.59	79	360343	30.086	ng		99
4) n-Nitrosodimethylamine	3.51	42	126083	40.312	ng		95
6) Aniline	6.99	93	637172	39.217	ng		99
8) 2-Chlorophenol	7.23	128	567956	42.796	ng		99
9) Benzaldehyde	6.80	77	248597	35.732	ng		100
10) Phenol	6.88	94	581031	42.014	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	440938	40.284	ng		98
12) 1,3-Dichlorobenzene	7.56	146	631918	39.160	ng		100
13) 1,4-Dichlorobenzene	7.70	146	643198	39.483	ng		98
14) 1,2-Dichlorobenzene	8.02	146	614615	39.795	ng		99
15) Benzyl Alcohol	7.90	79	361705	43.019	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	345915	37.292	ng		97
17) 2-Methylphenol	8.11	107	424666	43.105	ng		99
18) Hexachloroethane	8.74	117	207668	38.966	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	272651	40.440	ng		99
20) 3+4-Methylphenols	8.43	107	565315	42.588	ng		98
22) Acetophenone	8.48	105	703072	39.040	ng	#	99
24) Nitrobenzene	8.85	77	441812	40.101	ng		98
25) Isophorone	9.38	82	828740	41.873	ng		99
26) 2-Nitrophenol	9.56	139	286521	43.632	ng		99
27) 2,4-Dimethylphenol	9.63	122	486289	49.261	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	564322	38.282	ng		99
29) 2,4-Dichlorophenol	10.10	162	529294	43.216	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	579973	39.772	ng		98
31) Naphthalene	10.49	128	1668543	40.161	ng		100
32) Benzoic acid	9.78	122	245007	35.066	ng		97
33) 4-Chloroaniline	10.60	127	516096	29.731	ng		99
34) Hexachlorobutadiene	10.79	225	344054	39.312	ng		99
35) Caprolactam	11.36	113	152270	41.372	ng		99
36) 4-Chloro-3-methylphenol	11.74	107	488222	42.694	ng		100
37) 2-Methylnaphthalene	12.11	142	1213457	40.829	ng		100
38) 1-Methylnaphthalene	12.33	142	1145114	40.537	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	598258	42.094	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	813849	121.137 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	405745	43.417 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	448015	45.323 ng	99
46) 1,1'-Biphenyl	13.13	154	1535261	42.685 ng	99
47) 2-Chloronaphthalene	13.17	162	1172408	39.822 ng	99
48) 2-Nitroaniline	13.37	65	222036	40.279 ng	90
49) Acenaphthylene	14.02	152	1910354	42.911 ng	100
50) Dimethylphthalate	13.77	163	1475027	40.337 ng	100
51) 2,6-Dinitrotoluene	13.87	165	329297	43.329 ng	99
52) Acenaphthene	14.37	154	1107903	40.508 ng	99
53) 3-Nitroaniline	14.20	138	262635	30.502 ng	99
54) 2,4-Dinitrophenol	14.42	184	327712	79.039 ng	97
55) Dibenzofuran	14.70	168	1767284	41.145 ng	99
56) 4-Nitrophenol	14.53	139	576711	93.098 ng	98
57) 2,4-Dinitrotoluene	14.67	165	446603	43.705 ng	100
58) Fluorene	15.36	166	1335973	40.377 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	402359	44.989 ng	97
60) Diethylphthalate	15.15	149	1461687	40.743 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	684286	40.047 ng	99
62) 4-Nitroaniline	15.37	138	334720	37.817 ng	98
63) Azobenzene	15.65	77	976401	41.007 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	233564	49.557 ng	99
66) n-Nitrosodiphenylamine	15.57	169	1253078	43.485 ng	98
67) 4-Bromophenyl-phenylether	16.25	248	457914	42.101 ng	99
68) Hexachlorobenzene	16.37	284	537809	41.532 ng	99
69) Atrazine	16.53	200	391815	40.314 ng	99
70) Pentachlorophenol	16.72	266	654221	105.651 ng	99
71) Phenanthrene	17.10	178	2238031	41.910 ng	100
72) Anthracene	17.19	178	2280679	44.625 ng	99
73) Carbazole	17.46	167	2101209	42.839 ng	100
74) Di-n-butylphthalate	18.03	149	2463341	42.722 ng	100
75) Fluoranthene	19.07	202	2629603	42.606 ng	100
77) Benzidine	19.26	184	1787559	77.954 ng	100
78) Pyrene	19.43	202	2699981	41.462 ng	100
80) Butylbenzylphthalate	20.32	149	1141588	42.578 ng	94
81) Benzo(a)anthracene	21.13	228	2691029	42.818 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	837214	36.216 ng	100
83) Chrysene	21.19	228	2553655	42.438 ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1663892	42.972 ng	100
85) Di-n-octyl phthalate	21.96	149	2993802	45.097 ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	3906257	42.770 ng	99
88) Benzo(b)fluoranthene	22.72	252	3103654	40.773 ng	100
89) Benzo(k)fluoranthene	22.76	252	2899696	39.870 ng	99
90) Benzo(a)pyrene	23.29	252	2836930	40.172 ng	99
91) Dibenzo(a,h)anthracene	25.68	278	3259057	43.438 ng	99
92) Benzo(g,h,i)perylene	26.36	276	3349173	44.481 ng	99

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

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