Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
Data File : BP003084.D
Acq On : 21 Aug 2020 19:41
Operator : CG/JU
Sample : L3506-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-082020MSD

Quant Time: Aug 22 00:28:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	130453	20.00	ng		-0.01
21) Naphthalene-d8	10.46	136	620645	20.00	ng		-0.01
39) Acenaphthene-d10	14.32	164	461889	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	1129547	20.00	ng		-0.01
76) Chrysene-d12	21.16	240	1330503	20.00	ng		-0.01
86) Perylene-d12	23.40	264	1701399	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1069433	125.47	ng		0.00
7) Phenol-d6	6.86	99	1287378	108.79	ng		-0.01
23) Nitrobenzene-d5	8.82	82	790850	69.02	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	886906	154.49	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	2606313	77.10	ng		-0.02
79) Terphenyl-d14	19.65	244	4563088	68.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	91402	24.981	ng	#	62
3) Pyridine	3.62	79	223185	21.894	ng		99
4) n-Nitrosodimethylamine	3.52	42	91837	30.670	ng		95
6) Aniline	7.00	93	418577	30.488	ng		99
8) 2-Chlorophenol	7.25	128	504211	55.481	ng		100
9) Benzaldehyde	6.82	77	203926	32.366	ng		100
10) Phenol	6.89	94	503031	42.207	ng		97
11) bis(2-Chloroethyl)ether	7.10	93	351094	38.300	ng		100
12) 1,3-Dichlorobenzene	7.57	146	449075	43.781	ng		99
13) 1,4-Dichlorobenzene	7.72	146	465130	44.862	ng		99
14) 1,2-Dichlorobenzene	8.03	146	460265	46.550	ng		100
15) Benzyl Alcohol	7.92	79	363195	46.515	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	283864	32.961	ng		99
17) 2-Methylphenol	8.12	107	404710	53.140	ng		99
18) Hexachloroethane	8.75	117	148832	41.155	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	259779	38.099	ng		99
20) 3+4-Methylphenols	8.45	107	575067	56.026	ng		98
22) Acetophenone	8.49	105	654367	37.369	ng	#	97
24) Nitrobenzene	8.86	77	404940	32.550	ng		98
25) Isophorone	9.39	82	894989	36.355	ng		99
26) 2-Nitrophenol	9.58	139	269215	51.482	ng		97
27) 2,4-Dimethylphenol	9.65	122	501305	51.135	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	535352	38.979	ng		99
29) 2,4-Dichlorophenol	10.11	162	573295	55.563	ng		100
30) 1,2,4-Trichlorobenzene	10.32	180	478440	39.667	ng		99
31) Naphthalene	10.50	128	1492260	42.002	ng		100
32) Benzoic acid	9.75	122	63583	16.948	ng		95
33) 4-Chloroaniline	10.61	127	272490	18.507	ng		99
34) Hexachlorobutadiene	10.80	225	262749	35.598	ng		99
35) Caprolactam	11.38	113	182171	57.062	ng		90
36) 4-Chloro-3-methylphenol	11.75	107	594024	55.384	ng		99
37) 2-Methylnaphthalene	12.12	142	1165870	46.132	ng		98
38) 1-Methylnaphthalene	12.35	142	1120812	47.113	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	569797	34.311	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	545062	63.269 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	471611	48.999 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	548692	51.966 ng	98
46) 1,1'-Biphenyl	13.15	154	1574932	41.246 ng	100
47) 2-Chloronaphthalene	13.19	162	1210343	40.479 ng	98
48) 2-Nitroaniline	13.39	65	290666	39.720 ng	94
49) Acenaphthylene	14.03	152	2113373	45.069 ng	99
50) Dimethylphthalate	13.78	163	1810627	50.120 ng	100
51) 2,6-Dinitrotoluene	13.89	165	401889	49.270 ng	99
52) Acenaphthene	14.38	154	1213095	40.250 ng	99
53) 3-Nitroaniline	14.22	138	291785	35.070 ng	97
54) 2,4-Dinitrophenol	14.43	184	117206	38.780 ng	97
55) Dibenzofuran	14.72	168	2005199	43.375 ng	99
56) 4-Nitrophenol	14.54	139	740611	115.612 ng	96
57) 2,4-Dinitrotoluene	14.68	165	578653	53.448 ng	98
58) Fluorene	15.37	166	1554616	42.951 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	504201	57.232 ng	98
60) Diethylphthalate	15.16	149	1815426	51.428 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	778083	41.768 ng	99
62) 4-Nitroaniline	15.39	138	461396	54.685 ng	95
63) Azobenzene	15.66	77	1175701	33.083 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	171122	31.796 ng	95
66) n-Nitrosodiphenylamine	15.58	169	1523858	40.735 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	545251	39.678 ng	98
68) Hexachlorobenzene	16.38	284	639778	40.251 ng	98
69) Atrazine	16.54	200	518773	40.932 ng	99
70) Pentachlorophenol	16.73	266	869154	105.449 ng	100
71) Phenanthrene	17.11	178	2842744	42.918 ng	99
72) Anthracene	17.20	178	2885840	44.578 ng	99
73) Carbazole	17.47	167	2884662	45.628 ng	99
74) Di-n-butylphthalate	18.05	149	3322743	49.962 ng	100
75) Fluoranthene	19.09	202	3630280	47.570 ng	97
77) Benzidine	19.27	184	1622943	40.002 ng	99
78) Pyrene	19.44	202	3737331	40.181 ng	99
80) Butylbenzylphthalate	20.33	149	1693740	45.030 ng	98
81) Benzo(a)anthracene	21.15	228	3898146	43.013 ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	980663	27.339 ng	100
83) Chrysene	21.20	228	3633791	42.506 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2390075	46.431 ng	100
85) Di-n-octyl phthalate	21.97	149	4451851	52.645 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5929611	43.517 ng	97
88) Benzo(b)fluoranthene	22.73	252	4693731	39.093 ng	98
89) Benzo(k)fluoranthene	22.78	252	4302875	37.917 ng	98
90) Benzo(a)pyrene	23.31	252	4334070	39.950 ng	98
91) Dibenzo(a,h)anthracene	25.71	278	4911716	42.353 ng	98
92) Benzo(g,h,i)perylene	26.40	276	5064341	45.159 ng	98

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

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