Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003021.D
Acq On : 18 Aug 2020 17:23
Operator : CG/JU
Sample : L3500-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-081420MS

Manual Integrations APPROVED
mohammad
8/19/2020 2:25:10 PM

Quant Time: Aug 18 19:18:09 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	7.69	152	301480	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1075736	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	745798	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1366205	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1348633	20.00	ng	0.00
86) Perylene-d12	23.41	264	1373445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1937615	98.37	ng	0.00
7) Phenol-d6	6.86	99	2181325	79.76	ng	0.00
23) Nitrobenzene-d5	8.83	82	1461495	73.59	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	947682	102.24	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4081289	74.77	ng	0.00
79) Terphenyl-d14	19.65	244	4849344	71.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	255495	30.216	ng	# 58
3) Pyridine	3.63	79	513967	21.817	ng	97
4) n-Nitrosodimethylamine	3.53	42	203218	29.366	ng	98
6) Aniline	7.01	93	638036	20.109	ng	99
8) 2-Chlorophenol	7.25	128	924883	44.036	ng	99
9) Benzaldehyde	6.82	77	400850	27.529	ng	99
10) Phenol	6.89	94	884199	32.102	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	775200	36.592	ng	99
12) 1,3-Dichlorobenzene	7.58	146	958128	40.419	ng	100
13) 1,4-Dichlorobenzene	7.72	146	989689	41.304	ng	99
14) 1,2-Dichlorobenzene	8.03	146	940123	41.143	ng	99
15) Benzyl Alcohol	7.92	79	637754	35.343	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	621005	31.201	ng	99
17) 2-Methylphenol	8.13	107	693148	39.382	ng	99
18) Hexachloroethane	8.76	117	317128	37.946	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	481927	30.583	ng	99
20) 3+4-Methylphenols	8.46	107	947784	39.956	ng	98
22) Acetophenone	8.50	105	1209835	39.861	ng	# 97
24) Nitrobenzene	8.87	77	757786	35.144	ng	99
25) Isophorone	9.40	82	1335094	31.290	ng	99
26) 2-Nitrophenol	9.58	139	431011	47.899	ng	100
27) 2,4-Dimethylphenol	9.65	122	719973	42.371	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	881154	37.015	ng	99
29) 2,4-Dichlorophenol	10.12	162	771102	43.118	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	795723	38.063	ng	99
31) Naphthalene	10.52	128	2445375	39.711	ng	99
32) Benzoic acid	9.79	122	417732	42.793	ng	96
33) 4-Chloroaniline	10.62	127	224554	8.799	ng	99
34) Hexachlorobutadiene	10.82	225	451727	35.310	ng	99
35) Caprolactam	11.38	113	214276m	38.724	ng	
36) 4-Chloro-3-methylphenol	11.76	107	829430	44.617	ng	99
37) 2-Methylnaphthalene	12.13	142	2020663	46.130	ng	100
38) 1-Methylnaphthalene	12.35	142	1926145	46.713	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	970424	36.191	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	935109	67.224 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	680134	43.764 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	739424	43.372 ng	97
46) 1,1'-Biphenyl	13.16	154	2567467	41.643 ng	100
47) 2-Chloronaphthalene	13.19	162	1960563	40.609 ng	99
48) 2-Nitroaniline	13.39	65	396917	34.204 ng	92
49) Acenaphthylene	14.04	152	3186952	42.091 ng	100
50) Dimethylphthalate	13.79	163	3084652	52.882 ng	100
51) 2,6-Dinitrotoluene	13.89	165	551033	42.275 ng	98
52) Acenaphthene	14.39	154	1894433	38.929 ng	100
53) 3-Nitroaniline	14.22	138	248173	20.022 ng	96
54) 2,4-Dinitrophenol	14.43	184	396078	72.357 ng	100
55) Dibenzofuran	14.72	168	2966809	39.745 ng	98
56) 4-Nitrophenol	14.55	139	931507	90.057 ng	93
57) 2,4-Dinitrotoluene	14.69	165	756437	43.996 ng	100
58) Fluorene	15.37	166	2188593	37.448 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	638716	44.901 ng	99
60) Diethylphthalate	15.16	149	2494611	43.766 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1088232	36.179 ng	99
62) 4-Nitroaniline	15.39	138	495161	37.157 ng	99
63) Azobenzene	15.67	77	1550546	27.021 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	257922	37.925 ng	95
66) n-Nitrosodiphenylamine	15.59	169	1826638	40.370 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	651753	39.212 ng	98
68) Hexachlorobenzene	16.39	284	748772	38.948 ng	100
69) Atrazine	16.55	200	579119	37.778 ng	99
70) Pentachlorophenol	16.73	266	949850	95.277 ng	100
71) Phenanthrene	17.12	178	3279238	40.932 ng	99
72) Anthracene	17.21	178	3347429	42.751 ng	100
73) Carbazole	17.47	167	3138873	41.049 ng	100
74) Di-n-butylphthalate	18.05	149	3913110	48.647 ng	100
75) Fluoranthene	19.09	202	3933934	42.620 ng	99
77) Benzidine	19.27	184	1539422	37.433 ng	100
78) Pyrene	19.45	202	3983109	42.248 ng	99
80) Butylbenzylphthalate	20.33	149	1915489	49.887 ng	99
81) Benzo(a)anthracene	21.15	228	3836851	41.767 ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1241479	34.144 ng	99
83) Chrysene	21.20	228	3590298	41.432 ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2753868	52.779 ng	99
85) Di-n-octyl phthalate	21.97	149	4967611	57.955 ng	100
87) Indeno(1,2,3-cd)pyrene	25.70	276	4488542	40.807 ng	99
88) Benzo(b)fluoranthene	22.74	252	4034102	41.622 ng	99
89) Benzo(k)fluoranthene	22.79	252	3715954	40.564 ng	98
90) Benzo(a)pyrene	23.32	252	3518409	40.175 ng	99
91) Dibenzo(a,h)anthracene	25.72	278	3751054	40.068 ng	99
92) Benzo(g,h,i)perylene	26.40	276	3835676	42.370 ng	99

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

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