Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002308.D
Acq On : 28 May 2020 14:16
Operator : CG/JU
Sample : L2744-23MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6MS

Manual Integrations APPROVED
mohammad
5/29/2020 10:31:04 PM

Quant Time: May 28 15:51:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	286185	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	1175845	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	674670	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1416889	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1269833	20.00	ng		0.00
86) Perylene-d12	23.30	264	1414720	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1185855	77.82	ng		0.00
7) Phenol-d6	6.79	99	1561523	75.33	ng		0.00
23) Nitrobenzene-d5	8.75	82	994865	50.87	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	458667	71.73	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	2028318	53.05	ng		0.00
79) Terphenyl-d14	19.59	244	2838607	54.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	271723	38.778	ng		99
3) Pyridine	3.56	79	678303	33.823	ng		100
4) n-Nitrosodimethylamine	3.48	42	334732	43.332	ng		99
6) Aniline	6.94	93	881488	30.778	ng		100
8) 2-Chlorophenol	7.18	128	804701	46.149	ng		100
9) Benzaldehyde	6.75	77	488005	42.119	ng		99
10) Phenol	6.82	94	1063976	46.648	ng		97
11) bis(2-Chloroethyl)ether	7.04	93	796151	41.928	ng		99
12) 1,3-Dichlorobenzene	7.50	146	843421	42.211	ng		98
13) 1,4-Dichlorobenzene	7.64	146	851932	42.454	ng		97
14) 1,2-Dichlorobenzene	7.96	146	814793	42.470	ng		98
15) Benzyl Alcohol	7.85	79	697808	44.304	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1067377	40.742	ng		100
17) 2-Methylphenol	8.06	107	668812	41.055	ng		97
18) Hexachloroethane	8.68	117	299855	41.752	ng		93
19) n-Nitroso-di-n-propylamine	8.41	70	570589	41.510	ng		98
20) 3+4-Methylphenols	8.38	107	899081	40.613	ng		97
22) Acetophenone	8.42	105	1119128	41.686	ng	#	98
24) Nitrobenzene	8.79	77	892536	41.863	ng		99
25) Isophorone	9.32	82	1631143	40.609	ng		100
26) 2-Nitrophenol	9.50	139	409648	45.098	ng		99
27) 2,4-Dimethylphenol	9.58	122	718678	48.053	ng		97
28) bis(2-Chloroethoxy)methane	9.80	93	1026653	42.004	ng		99
29) 2,4-Dichlorophenol	10.03	162	719183	43.636	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	772058	41.599	ng		98
31) Naphthalene	10.43	128	2313621	41.956	ng		100
32) Benzoic acid	9.72	122	516066	44.797	ng		96
33) 4-Chloroaniline	10.53	127	449851	18.572	ng		99
34) Hexachlorobutadiene	10.73	225	428944	39.627	ng		98
35) Caprolactam	11.29	113	237048m	41.524	ng		
36) 4-Chloro-3-methylphenol	11.67	107	754584	42.513	ng		99
37) 2-Methylnaphthalene	12.05	142	1618094	41.849	ng		99
38) 1-Methylnaphthalene	12.27	142	1522782	41.488	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	781007	43.561	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	447084	46.902 ng		100
43) 2,4,6-Trichlorophenol	12.67	196	544650	43.873 ng		99
44) 2,4,5-Trichlorophenol	12.74	196	579055	40.195 ng		98
46) 1,1'-Biphenyl	13.07	154	1967981	44.514 ng		100
47) 2-Chloronaphthalene	13.11	162	1523221	41.761 ng		100
48) 2-Nitroaniline	13.32	65	483822	43.136 ng		95
49) Acenaphthylene	13.96	152	2470522	42.745 ng		99
50) Dimethylphthalate	13.72	163	2099286	45.969 ng		100
51) 2,6-Dinitrotoluene	13.82	165	404311	40.795 ng		99
52) Acenaphthene	14.32	154	1578624m	42.457 ng		
53) 3-Nitroaniline	14.15	138	276696	24.401 ng		99
54) 2,4-Dinitrophenol	14.36	184	236954	47.316 ng		99
55) Dibenzofuran	14.65	168	2275501	41.390 ng		100
56) 4-Nitrophenol	14.47	139	771385	86.071 ng		98
57) 2,4-Dinitrotoluene	14.62	165	542912	40.756 ng		95
58) Fluorene	15.30	166	1622188	39.784 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	489596m	42.670 ng		
60) Diethylphthalate	15.10	149	1779331	39.401 ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	804963	37.411 ng		98
62) 4-Nitroaniline	15.32	138	339550	32.349 ng		97
63) Azobenzene	15.60	77	1913323	41.317 ng		100
65) 4,6-Dinitro-2-methylphenol	15.38	198	172212	24.578 ng		97
66) n-Nitrosodiphenylamine	15.52	169	1541828	41.443 ng		98
67) 4-Bromophenyl-phenylether	16.20	248	535162	38.433 ng		98
68) Hexachlorobenzene	16.32	284	586207	39.847 ng		93
69) Atrazine	16.48	200	484409	40.815 ng		97
70) Pentachlorophenol	16.66	266	756815	84.331 ng		96
71) Phenanthrene	17.05	178	2897018	43.166 ng		99
72) Anthracene	17.13	178	2894686	43.834 ng		100
73) Carbazole	17.40	167	2696543	41.757 ng		99
74) Di-n-butylphthalate	17.99	149	3161229	43.028 ng		100
75) Fluoranthene	19.02	202	3527235	45.629 ng		98
77) Benzidine	19.21	184	2151178	83.420 ng		99
78) Pyrene	19.37	202	3580934	45.287 ng		98
80) Butylbenzylphthalate	20.27	149	1452161	46.127 ng		97
81) Benzo(a)anthracene	21.09	228	3204645	44.087 ng		100
82) 3,3'-Dichlorobenzidine	21.02	252	1183225	46.461 ng		99
83) Chrysene	21.14	228	2979670	42.712 ng		100
84) Bis(2-ethylhexyl)phthalate	21.05	149	2133038	44.340 ng		99
85) Di-n-octyl phthalate	21.91	149	3719327	46.517 ng		99
87) Indeno(1,2,3-cd)pyrene	25.52	276	3791571	43.299 ng	#	95
88) Benzo(b)fluoranthene	22.64	252	3369775m	43.689 ng		
89) Benzo(k)fluoranthene	22.69	252	3123159	42.196 ng		98
90) Benzo(a)pyrene	23.20	252	3096325	43.277 ng		98
91) Dibenzo(a,h)anthracene	25.53	278	3048120	42.693 ng	#	93
92) Benzo(g,h,i)perylene	26.19	276	3353312	46.044 ng	#	95

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

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