Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036760.D
Acq On : 17 Sep 2018 18:42
Operator : JU/SJ
Sample : J4773-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-091418-AMSD

Manual Integrations APPROVED
Sohil
9/18/2018 6:18:16 PM

Quant Time: Sep 18 02:05:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65764	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	258224	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	165942	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	416095	20.00	ng		0.00
75) Chrysene-d12	21.69	240	412864	20.00	ng		0.00
86) Perylene-d12	24.89	264	428974	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	424922	102.50	ng		0.00
7) Phenol-d6	7.21	99	538132	90.66	ng		0.00
23) Nitrobenzene-d5	9.21	82	396772	83.37	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	256885	129.74	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	850049	73.14	ng		-0.01
78) Terphenyl-d14	20.02	244	1431475	81.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	69764	36.058	ng	#	91
3) Pyridine	3.94	79	181596	33.438	ng		98
4) n-Nitrosodimethylamine	3.85	42	101255	41.860	ng		94
6) Aniline	7.37	93	147485	19.575	ng		96
8) 2-Chlorophenol	7.62	128	191598	42.617	ng		98
9) Benzaldehyde	7.19	77	65446	16.011	ng		99
10) Phenol	7.24	94	231664	37.295	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	200481	40.711	ng		98
12) 1,3-Dichlorobenzene	7.94	146	209251	40.761	ng		97
13) 1,4-Dichlorobenzene	8.09	146	211284	40.765	ng		99
14) 1,2-Dichlorobenzene	8.41	146	200305	40.467	ng		99
15) Benzyl Alcohol	8.29	79	193638	40.468	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	379101	38.173	ng		99
17) 2-Methylphenol	8.49	107	173456	42.055	ng		97
18) Hexachloroethane	9.14	117	78265	42.117	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	169352	38.176	ng		95
20) 3+4-Methylphenols	8.82	107	239614	41.611	ng		98
22) Acetophenone	8.87	105	305049	44.987	ng		98
24) Nitrobenzene	9.25	77	245714	47.878	ng		96
25) Isophorone	9.78	82	456818	48.317	ng		97
26) 2-Nitrophenol	9.97	139	109305	53.748	ng		95
27) 2,4-Dimethylphenol	10.02	122	190388	50.566	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	268899	46.342	ng		99
29) 2,4-Dichlorophenol	10.50	162	206228	49.978	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	220268	45.631	ng		100
31) Naphthalene	10.91	128	642698	49.789	ng		99
32) Benzoic acid	10.15	122	80477	30.619	ng		98
33) 4-Chloroaniline	11.01	127	34184	5.779	ng	#	92
34) Hexachlorobutadiene	11.19	225	147776	45.563	ng		98
35) Caprolactam	11.79	113	60568m	36.846	ng		
36) 4-Chloro-3-methylphenol	12.13	107	228343	47.624	ng		98
37) 2-Methylnaphthalene	12.50	142	472740	50.051	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	268514	45.724	ng		99
40) Hexachlorocyclopentadiene	12.85	237	324559	106.223	ng		98

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Quant Time: Sep 18 02:05:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	176297	49.283	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	189905	49.772	ng	97
45) 1,1'-Biphenyl	13.51	154	599271	43.506	ng	99
46) 2-Chloronaphthalene	13.56	162	459865	43.731	ng	98
47) 2-Nitroaniline	13.76	65	165636	50.161	ng	95
48) Acenaphthylene	14.40	152	777826	47.329	ng	100
49) Dimethylphthalate	14.13	163	621270	45.850	ng	99
50) 2,6-Dinitrotoluene	14.25	165	138840	49.795	ng	95
51) Acenaphthene	14.74	154	459291	43.637	ng	99
52) 3-Nitroaniline	14.58	138	69401	23.098	ng	99
53) 2,4-Dinitrophenol	14.78	184	123794	117.216	ng	96
54) Dibenzofuran	15.07	168	739900	44.871	ng	99
55) 4-Nitrophenol	14.88	139	207041	84.275	ng	98
56) 2,4-Dinitrotoluene	15.04	165	196500	54.074	ng	91
57) Fluorene	15.72	166	599966	48.671	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	198302	55.317	ng	94
59) Diethylphthalate	15.49	149	616082	45.115	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	343439	45.119	ng	98
61) 4-Nitroaniline	15.74	138	148715	47.298	ng	97
62) Azobenzene	16.01	77	605514	43.580	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	105333	57.628	ng	97
65) n-Nitrosodiphenylamine	15.93	169	548762	44.385	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	224407	46.064	ng	99
67) Hexachlorobenzene	16.73	284	227745	45.719	ng	95
68) Atrazine	16.88	200	236197	50.897	ng	99
69) Pentachlorophenol	17.07	266	263796	77.918	ng	96
70) Phenanthrene	17.46	178	1023202	48.394	ng	98
71) Anthracene	17.55	178	1026000	48.681	ng	97
72) Carbazole	17.82	167	923034	43.853	ng	99
73) Di-n-butylphthalate	18.37	149	1037307	44.256	ng	98
74) Fluoranthene	19.47	202	1225302	47.533	ng	98
76) Benzidine	19.65	184	92992	7.060	ng	97
77) Pyrene	19.83	202	1211129	47.703	ng	98
79) Butylbenzylphthalate	20.71	149	472511	46.765	ng	96
80) Benzo(a)anthracene	21.66	228	1197185	47.864	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	228712	22.944	ng	99
82) Chrysene	21.73	228	1115811	47.065	ng	96
83) Bis(2-ethylhexyl)phthalate	21.57	149	644846	45.607	ng	99
84) Di-n-octyl phthalate	22.78	149	1080187	45.739	ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1338193	48.597	ng	99
87) Benzo(b)fluoranthene	23.88	252	1195867	50.202	ng	97
88) Benzo(k)fluoranthene	23.94	252	1129702	48.543	ng	99
89) Benzo(a)pyrene	24.74	252	1142097	49.894	ng	100
90) Dibenzo(a,h)anthracene	28.61	278	1076667	48.722	ng	97
91) Benzo(g,h,i)perylene	29.68	276	1106065	49.807	ng	96

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

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