Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
Data File : BG036924.D
Acq On : 24 Sep 2018 19:10
Operator : JU/SJ
Sample : J4770-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMSD

Manual Integrations APPROVED
Sohil
9/25/2018 10:57:28 AM

Quant Time: Sep 25 07:18:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45416	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	196856	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	132870	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	344909	20.00	ng	0.00
75) Chrysene-d12	21.68	240	335521	20.00	ng	0.00
86) Perylene-d12	24.89	264	351479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	307229	129.73	ng	0.00
7) Phenol-d6	7.21	99	420162	114.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	310660	84.51	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	211209	132.86	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	709956	79.58	ng	0.00
78) Terphenyl-d14	20.02	244	1238721	97.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	47553	43.883	ng	# 91
3) Pyridine	3.93	79	125389	40.075	ng	96
4) n-Nitrosodimethylamine	3.83	42	74232	53.379	ng	# 93
6) Aniline	7.37	93	180110	37.885	ng	99
8) 2-Chlorophenol	7.61	128	147358	53.590	ng	96
9) Benzaldehyde	7.18	77	84860	35.051	ng	98
10) Phenol	7.23	94	184052	48.673	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	154310	44.116	ng	98
12) 1,3-Dichlorobenzene	7.94	146	149576	44.370	ng	98
13) 1,4-Dichlorobenzene	8.08	146	151467	43.905	ng	97
14) 1,2-Dichlorobenzene	8.40	146	147600	44.150	ng	99
15) Benzyl Alcohol	8.28	79	145201	48.841	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	304230	45.304	ng	97
17) 2-Methylphenol	8.48	107	133116	50.538	ng	97
18) Hexachloroethane	9.13	117	57583	45.357	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	137218	45.019	ng	99
20) 3+4-Methylphenols	8.81	107	185561	50.640	ng	100
22) Acetophenone	8.87	105	247901	53.588	ng	# 99
24) Nitrobenzene	9.25	77	199614	50.848	ng	98
25) Isophorone	9.77	82	397986	59.251	ng	96
26) 2-Nitrophenol	9.96	139	83334	53.257	ng	100
27) 2,4-Dimethylphenol	10.02	122	152364	62.510	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	219294	52.910	ng	97
29) 2,4-Dichlorophenol	10.50	162	165907	58.717	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	167004	47.230	ng	99
31) Naphthalene	10.90	128	486542	51.945	ng	98
32) Benzoic acid	10.15	122	31570m	20.675	ng	
33) 4-Chloroaniline	11.01	127	66708	15.664	ng	96
34) Hexachlorobutadiene	11.18	225	111255	45.497	ng	97
35) Caprolactam	11.78	113	53011m	45.583	ng	
36) 4-Chloro-3-methylphenol	12.12	107	196060	58.154	ng	97
37) 2-Methylnaphthalene	12.50	142	388267	54.427	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	222500	48.012	ng	99
40) Hexachlorocyclopentadiene	12.85	237	251458	105.503	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	143801	55.879	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	158343	57.704	ng		98
45) 1,1'-Biphenyl	13.51	154	515410	50.650	ng		97
46) 2-Chloronaphthalene	13.55	162	395948	49.478	ng		100
47) 2-Nitroaniline	13.75	65	154698	55.889	ng		100
48) Acenaphthylene	14.39	152	673042	53.671	ng		100
49) Dimethylphthalate	14.12	163	556082	51.994	ng		98
50) 2,6-Dinitrotoluene	14.25	165	125270	53.684	ng		96
51) Acenaphthene	14.73	154	389701	51.419	ng		97
52) 3-Nitroaniline	14.58	138	83540	33.974	ng		99
53) 2,4-Dinitrophenol	14.78	184	56410	54.300	ng	#	88
54) Dibenzofuran	15.07	168	649663	50.678	ng		98
55) 4-Nitrophenol	14.89	139	173670	110.557	ng		93
56) 2,4-Dinitrotoluene	15.03	165	177129	54.399	ng		91
57) Fluorene	15.72	166	531987	55.521	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	167067	60.016	ng		96
59) Diethylphthalate	15.49	149	557967	51.725	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	296968	48.940	ng		100
61) 4-Nitroaniline	15.74	138	132794	51.342	ng		94
62) Azobenzene	16.00	77	558135	53.849	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	68546	38.013	ng		97
65) n-Nitrosodiphenylamine	15.93	169	485787	51.018	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	196690	50.136	ng		97
67) Hexachlorobenzene	16.72	284	199373	49.343	ng		99
68) Atrazine	16.87	200	208957	54.197	ng		100
69) Pentachlorophenol	17.07	266	209777	82.461	ng		97
70) Phenanthrene	17.46	178	891060	53.611	ng		99
71) Anthracene	17.55	178	921972	56.098	ng		99
72) Carbazole	17.82	167	821540	51.269	ng		99
73) Di-n-butylphthalate	18.37	149	944778	53.091	ng		99
74) Fluoranthene	19.46	202	1082015	54.082	ng		98
76) Benzidine	19.65	184	240024	23.665	ng		97
77) Pyrene	19.83	202	1068202	53.054	ng		99
79) Butylbenzylphthalate	20.71	149	432847	53.935	ng		95
80) Benzo(a)anthracene	21.67	228	1051004	53.661	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	255868	34.321	ng		97
82) Chrysene	21.73	228	987919	52.205	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	588296	52.474	ng		98
84) Di-n-octyl phthalate	22.77	149	991883	53.735	ng		99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1203770	59.237	ng		100
87) Benzo(b)fluoranthene	23.88	252	1043491	55.709	ng		97
88) Benzo(k)fluoranthene	23.94	252	1017607	54.150	ng		99
89) Benzo(a)pyrene	24.74	252	1019895	56.320	ng		100
90) Dibenzo(a,h)anthracene	28.61	278	971938	57.268	ng		98
91) Benzo(g,h,i)perylene	29.68	276	986643	57.925	ng		96

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

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