Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036828.D
Acq On : 19 Sep 2018 20:37
Operator : JU/SJ
Sample : J4772-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Manual Integrations APPROVED
Sohil
9/20/2018 11:46:45 AM

Quant Time: Sep 20 07:25:09 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	58401	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	245091	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	157982	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	386786	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	370365	20.00	ng	-0.01
86) Perylene-d12	24.89	264	378606	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	370623	100.67	ng	0.00
7) Phenol-d6	7.21	99	485673	92.14	ng	-0.01
23) Nitrobenzene-d5	9.21	82	359101	79.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	223542	118.58	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	756711	68.39	ng	-0.02
78) Terphenyl-d14	20.02	244	1249583	78.86	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	52344	30.465	ng	# 89
3) Pyridine	3.94	79	148209	30.731	ng	99
4) n-Nitrosodimethylamine	3.84	42	85447	39.778	ng	93
6) Aniline	7.37	93	180315	26.950	ng	98
8) 2-Chlorophenol	7.61	128	170437	42.690	ng	96
9) Benzaldehyde	7.18	77	65608	18.075	ng	95
10) Phenol	7.24	94	206679	37.468	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	169469	38.752	ng	100
12) 1,3-Dichlorobenzene	7.94	146	171845	37.695	ng	98
13) 1,4-Dichlorobenzene	8.08	146	174780	37.973	ng	99
14) 1,2-Dichlorobenzene	8.40	146	167324	38.066	ng	97
15) Benzyl Alcohol	8.28	79	174091	40.970	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	328441	37.241	ng	100
17) 2-Methylphenol	8.49	107	155308	42.402	ng	98
18) Hexachloroethane	9.13	117	64410	39.031	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	149532	37.958	ng	95
20) 3+4-Methylphenols	8.81	107	216602	42.357	ng	97
22) Acetophenone	8.87	105	270292	41.997	ng	# 97
24) Nitrobenzene	9.25	77	221285	45.428	ng	99
25) Isophorone	9.77	82	412142	45.928	ng	97
26) 2-Nitrophenol	9.96	139	99892	51.751	ng	98
27) 2,4-Dimethylphenol	10.02	122	172656	48.314	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	240042	43.585	ng	97
29) 2,4-Dichlorophenol	10.50	162	189245	48.320	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	190830	41.651	ng	100
31) Naphthalene	10.90	128	549661	44.863	ng	99
32) Benzoic acid	10.12	122	41268m	18.602	ng	
33) 4-Chloroaniline	11.01	127	64607	11.508	ng	98
34) Hexachlorobutadiene	11.18	225	129520	42.074	ng	97
35) Caprolactam	11.79	113	49488	31.719	ng	99
36) 4-Chloro-3-methylphenol	12.12	107	208975	45.920	ng	97
37) 2-Methylnaphthalene	12.50	142	423283	47.217	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	242743	43.418	ng	100
40) Hexachlorocyclopentadiene	12.85	237	243474	83.700	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	163069	47.882	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	174621	48.072	ng	99
45) 1,1'-Biphenyl	13.51	154	540292	41.200	ng	99
46) 2-Chloronaphthalene	13.55	162	420603	42.013	ng	98
47) 2-Nitroaniline	13.75	65	156804	49.879	ng	98
48) Acenaphthylene	14.40	152	702435	44.895	ng	100
49) Dimethylphthalate	14.13	163	565360	43.826	ng	99
50) 2,6-Dinitrotoluene	14.25	165	126066	47.492	ng	94
51) Acenaphthene	14.74	154	412939	41.210	ng	99
52) 3-Nitroaniline	14.57	138	95670	33.445	ng	96
53) 2,4-Dinitrophenol	14.78	184	15315	15.232	ng	92
54) Dibenzofuran	15.07	168	673776	42.920	ng	99
55) 4-Nitrophenol	14.88	139	155492	66.481	ng	98
56) 2,4-Dinitrotoluene	15.03	165	180979	52.312	ng	89
57) Fluorene	15.72	166	537169	45.772	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	163024	47.767	ng	95
59) Diethylphthalate	15.49	149	556400	42.798	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	309188	42.666	ng	99
61) 4-Nitroaniline	15.74	138	131757	44.016	ng	96
62) Azobenzene	16.00	77	545392	41.231	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	31561	18.575	ng	95
65) n-Nitrosodiphenylamine	15.93	169	489793	42.618	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	202272	44.667	ng	98
67) Hexachlorobenzene	16.73	284	205984	44.484	ng	96
68) Atrazine	16.87	200	203118	47.086	ng	98
69) Pentachlorophenol	17.07	266	145205m	46.140	ng	
70) Phenanthrene	17.46	178	885320	45.046	ng	99
71) Anthracene	17.55	178	897477	45.810	ng	99
72) Carbazole	17.82	167	773984	39.558	ng	100
73) Di-n-butylphthalate	18.37	149	893254	40.998	ng	99
74) Fluoranthene	19.46	202	1040751	43.433	ng	99
76) Benzidine	19.65	184	172425	14.592	ng	98
77) Pyrene	19.83	202	1036570	45.513	ng	98
79) Butylbenzylphthalate	20.71	149	409896	45.223	ng	97
80) Benzo(a)anthracene	21.67	228	1022596	45.576	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	253058	28.299	ng	97
82) Chrysene	21.73	228	959591	45.120	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	534999	42.180	ng	97
84) Di-n-octyl phthalate	22.77	149	916972	43.283	ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1089524	44.107	ng	98
87) Benzo(b)fluoranthene	23.87	252	1013595	48.211	ng	97
88) Benzo(k)fluoranthene	23.94	252	971463	47.297	ng	98
89) Benzo(a)pyrene	24.74	252	970567	48.042	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	872342	44.727	ng	97
91) Benzo(g,h,i)perylene	29.67	276	862046	43.983	ng	97

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

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