Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037105.D
Acq On : 2 Oct 2018 14:45
Operator : JU/SJ
Sample : J5206-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1MSD

Manual Integrations APPROVED
Sohil
10/2/2018 5:29:12 PM

Quant Time: Oct 02 17:22:41 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	8.04	152	49631	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	203708	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	130100	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	321682	20.00	ng		0.00
75) Chrysene-d12	21.68	240	317069	20.00	ng		-0.01
86) Perylene-d12	24.88	264	323715	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	446933	172.70	ng		0.00
7) Phenol-d6	7.20	99	614811	153.55	ng		-0.01
23) Nitrobenzene-d5	9.21	82	399845	105.11	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	247368	158.92	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	782661	89.60	ng		-0.01
78) Terphenyl-d14	20.02	244	1229278	101.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	51704	43.662	ng		99
3) Pyridine	3.92	79	133424	39.021	ng		99
4) n-Nitrosodimethylamine	3.84	42	74660	49.128	ng	#	99
6) Aniline	7.37	93	164474	31.658	ng		98
8) 2-Chlorophenol	7.61	128	147305	49.021	ng		95
9) Benzaldehyde	7.18	77	75883	28.681	ng		97
10) Phenol	7.23	94	212886	51.517	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	159324	41.681	ng		97
12) 1,3-Dichlorobenzene	7.93	146	160297	43.512	ng		98
13) 1,4-Dichlorobenzene	8.07	146	162386	43.073	ng		97
14) 1,2-Dichlorobenzene	8.39	146	154397	42.261	ng		96
15) Benzyl Alcohol	8.28	79	137591	42.350	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	308740	42.071	ng		98
17) 2-Methylphenol	8.48	107	131418	45.656	ng		95
18) Hexachloroethane	9.12	117	63420	45.713	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	130149	39.074	ng		95
20) 3+4-Methylphenols	8.81	107	187613	46.852	ng		99
22) Acetophenone	8.86	105	227009	47.421	ng		99
24) Nitrobenzene	9.24	77	191860	47.229	ng		99
25) Isophorone	9.76	82	360412	51.852	ng		99
26) 2-Nitrophenol	9.95	139	83667	51.671	ng		97
27) 2,4-Dimethylphenol	10.01	122	142208	56.381	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	207873	48.467	ng		98
29) 2,4-Dichlorophenol	10.49	162	154341	52.786	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	165131	45.129	ng		98
31) Naphthalene	10.89	128	481077	49.633	ng		99
32) Benzoic acid	10.16	122	60926	33.524	ng		96
33) 4-Chloroaniline	11.00	127	91808	20.833	ng		96
34) Hexachlorobutadiene	11.17	225	109426	43.244	ng		96
35) Caprolactam	11.78	113	57926m	48.134	ng		
36) 4-Chloro-3-methylphenol	12.12	107	178180	51.072	ng		99
37) 2-Methylnaphthalene	12.50	142	360470	48.831	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	200959	44.287	ng		98
40) Hexachlorocyclopentadiene	12.84	237	226896	97.225	ng		96

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Quant Time: Oct 02 17:22:41 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	127336	50.535	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	139941	52.083	ng		100
45) 1,1'-Biphenyl	13.50	154	467137	46.883	ng		98
46) 2-Chloronaphthalene	13.54	162	358184	45.712	ng		98
47) 2-Nitroaniline	13.75	65	132372	48.841	ng		96
48) Acenaphthylene	14.39	152	614233	50.025	ng		99
49) Dimethylphthalate	14.12	163	717046	68.472	ng		98
50) 2,6-Dinitrotoluene	14.24	165	108641	47.549	ng		97
51) Acenaphthene	14.73	154	349709	47.125	ng		97
52) 3-Nitroaniline	14.58	138	79221	32.904	ng		96
53) 2,4-Dinitrophenol	14.78	184	104067	95.543	ng		96
54) Dibenzofuran	15.06	168	581761	46.347	ng		99
55) 4-Nitrophenol	14.88	139	169935	110.483	ng		97
56) 2,4-Dinitrotoluene	15.03	165	156186	48.988	ng		93
57) Fluorene	15.71	166	464856	49.548	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	141160	51.789	ng		98
59) Diethylphthalate	15.48	149	490124	46.403	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	257602	43.356	ng		99
61) 4-Nitroaniline	15.74	138	120296	47.500	ng		90
62) Azobenzene	16.00	77	488050	48.089	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	86065	51.174	ng		96
65) n-Nitrosodiphenylamine	15.92	169	424081	47.753	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	163806	44.768	ng		96
67) Hexachlorobenzene	16.71	284	162842	43.212	ng		98
68) Atrazine	16.87	200	180229	50.121	ng		99
69) Pentachlorophenol	17.06	266	200131	84.350	ng		98
70) Phenanthrene	17.45	178	771688	49.781	ng		98
71) Anthracene	17.54	178	794028	51.802	ng		100
72) Carbazole	17.81	167	704433	47.135	ng		99
73) Di-n-butylphthalate	18.37	149	814086	49.050	ng		100
74) Fluoranthene	19.46	202	924617	49.552	ng		99
76) Benzidine	19.64	184	307610	32.093	ng		98
77) Pyrene	19.82	202	906862	47.662	ng		100
79) Butylbenzylphthalate	20.70	149	377013	49.712	ng		95
80) Benzo(a)anthracene	21.66	228	878404	47.459	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	197789	28.074	ng		100
82) Chrysene	21.73	228	836447	46.773	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	527000	49.742	ng		100
84) Di-n-octyl phthalate	22.76	149	882001	50.563	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	963364	50.165	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	866687	50.238	ng		97
88) Benzo(k)fluoranthene	23.93	252	826387	47.746	ng		100
89) Benzo(a)pyrene	24.73	252	839283	50.322	ng		100
90) Dibenzo(a,h)anthracene	28.59	278	785039	50.223	ng		99
91) Benzo(g,h,i)perylene	29.67	276	800767	51.045	ng		99

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

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