Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
Data File : BG037058.D
Acq On : 28 Sep 2018 20:22
Operator : JU/SJ
Sample : J4771-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Manual Integrations APPROVED
Sohil
10/1/2018 4:20:43 PM

Quant Time: Oct 01 02:23:49 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	47162	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	193934	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	123229	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	310069	20.00	ng		0.00
75) Chrysene-d12	21.68	240	309551	20.00	ng		-0.01
86) Perylene-d12	24.88	264	324454	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	291912	118.70	ng		0.00
7) Phenol-d6	7.21	99	363961	95.66	ng		0.00
23) Nitrobenzene-d5	9.20	82	301718	83.31	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	177042	120.08	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	628974	76.02	ng		-0.01
78) Terphenyl-d14	20.02	244	1083548	92.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	46162	41.022	ng	#	86
3) Pyridine	3.93	79	110945	34.146	ng		96
4) n-Nitrosodimethylamine	3.84	42	72605	50.277	ng	#	94
6) Aniline	7.36	93	134324	27.208	ng		99
8) 2-Chlorophenol	7.61	128	134019	46.935	ng		96
9) Benzaldehyde	7.18	77	75272	29.939	ng		98
10) Phenol	7.23	94	153183	39.010	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	146151	40.237	ng		98
12) 1,3-Dichlorobenzene	7.93	146	136782	39.073	ng		98
13) 1,4-Dichlorobenzene	8.08	146	140339	39.174	ng		98
14) 1,2-Dichlorobenzene	8.39	146	137723	39.671	ng		96
15) Benzyl Alcohol	8.28	79	128229	41.535	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	294495	42.231	ng		98
17) 2-Methylphenol	8.48	107	113614	41.537	ng		96
18) Hexachloroethane	9.12	117	55110	41.802	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	125606	39.684	ng		97
20) 3+4-Methylphenols	8.81	107	160299	42.126	ng		98
22) Acetophenone	8.86	105	218614	47.969	ng	#	95
24) Nitrobenzene	9.24	77	182722	47.247	ng		98
25) Isophorone	9.76	82	349954	52.885	ng		99
26) 2-Nitrophenol	9.96	139	74045	48.034	ng		96
27) 2,4-Dimethylphenol	10.01	122	127752	53.202	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	194863	47.724	ng		97
29) 2,4-Dichlorophenol	10.49	162	138431	49.731	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	147427	42.321	ng		98
31) Naphthalene	10.90	128	436582	47.313	ng		99
32) Benzoic acid	10.15	122	54138m	31.678	ng		
33) 4-Chloroaniline	11.01	127	40743	9.711	ng		95
34) Hexachlorobutadiene	11.18	225	99762	41.412	ng		97
35) Caprolactam	11.78	113	38024m	33.189	ng		
36) 4-Chloro-3-methylphenol	12.12	107	163329	49.175	ng		97
37) 2-Methylnaphthalene	12.49	142	334308	47.569	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	187389	43.599	ng		98
40) Hexachlorocyclopentadiene	12.84	237	220663	99.826	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	118484	49.643	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	132446	52.042	ng		98
45) 1,1'-Biphenyl	13.50	154	438732	46.488	ng		97
46) 2-Chloronaphthalene	13.55	162	332474	44.797	ng		99
47) 2-Nitroaniline	13.75	65	126750	49.375	ng		96
48) Acenaphthylene	14.39	152	577698	49.672	ng		99
49) Dimethylphthalate	14.12	163	461295	46.506	ng		99
50) 2,6-Dinitrotoluene	14.24	165	102369	47.302	ng		98
51) Acenaphthene	14.73	154	328889	46.790	ng		98
52) 3-Nitroaniline	14.57	138	65927	28.909	ng		96
53) 2,4-Dinitrophenol	14.78	184	87633	85.790	ng		93
54) Dibenzofuran	15.06	168	545514	45.883	ng		99
55) 4-Nitrophenol	14.89	139	137889	94.647	ng		98
56) 2,4-Dinitrotoluene	15.03	165	146604	48.547	ng		90
57) Fluorene	15.71	166	446439	50.238	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	130842	50.680	ng		97
59) Diethylphthalate	15.48	149	469687	46.948	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	243708	43.305	ng		98
61) 4-Nitroaniline	15.74	138	109024	45.450	ng		95
62) Azobenzene	16.00	77	479553	49.887	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	79188	48.849	ng		91
65) n-Nitrosodiphenylamine	15.92	169	400995	46.845	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	156127	44.268	ng		99
67) Hexachlorobenzene	16.72	284	158296	43.579	ng		98
68) Atrazine	16.87	200	168422	48.592	ng		98
69) Pentachlorophenol	17.06	266	183124	80.072	ng		99
70) Phenanthrene	17.45	178	738191	49.404	ng		98
71) Anthracene	17.55	178	770273	52.134	ng		100
72) Carbazole	17.82	167	673206	46.733	ng		99
73) Di-n-butylphthalate	18.36	149	804004	50.257	ng		99
74) Fluoranthene	19.46	202	904406	50.284	ng		99
76) Benzidine	19.64	184	138692	14.821	ng		98
77) Pyrene	19.82	202	901371	48.524	ng		100
79) Butylbenzylphthalate	20.70	149	384763	51.966	ng		97
80) Benzo(a)anthracene	21.66	228	896779	49.628	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	210633	30.624	ng		97
82) Chrysene	21.72	228	848537	48.601	ng		100
83) Bis(2-ethylhexyl)phthalate	21.56	149	530941	51.331	ng		99
84) Di-n-octyl phthalate	22.76	149	897255	52.686	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	1001930	53.441	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	866642	50.121	ng		97
88) Benzo(k)fluoranthene	23.93	252	877393	50.578	ng		99
89) Benzo(a)pyrene	24.74	252	861516	51.537	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	808529	51.608	ng		99
91) Benzo(g,h,i)perylene	29.67	276	824011	52.407	ng		98

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

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