Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036707.D
Acq On : 14 Sep 2018 14:33
Operator : JU/SJ
Sample : J4866-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DPT-SB-E1-180911MSD

Quant Time: Sep 14 17:14:06 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	8.06	152	71072	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	302336	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	186039	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	412858	20.00	ng		0.00
75) Chrysene-d12	21.69	240	390545	20.00	ng		0.00
86) Perylene-d12	24.89	264	406908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	420039	93.75	ng		0.00
7) Phenol-d6	7.21	99	595608	92.85	ng		0.00
23) Nitrobenzene-d5	9.21	82	372281	66.81	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	224163	100.98	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	797056	61.17	ng		0.00
78) Terphenyl-d14	20.02	244	1118958	66.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	45558	21.788	ng		98
3) Pyridine	3.92	79	140307	23.906	ng		97
4) n-Nitrosodimethylamine	3.84	42	79576	30.441	ng		99
6) Aniline	7.37	93	181695	22.315	ng		98
8) 2-Chlorophenol	7.61	128	169538	34.894	ng		97
9) Benzaldehyde	7.19	77	90062	20.388	ng		96
10) Phenol	7.24	94	235922	35.144	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	168519	31.665	ng		98
12) 1,3-Dichlorobenzene	7.94	146	176895	31.885	ng		99
13) 1,4-Dichlorobenzene	8.09	146	177581	31.703	ng		97
14) 1,2-Dichlorobenzene	8.41	146	172345	32.218	ng		97
15) Benzyl Alcohol	8.28	79	168069	32.501	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	324627	30.246	ng		98
17) 2-Methylphenol	8.49	107	158001	35.447	ng		99
18) Hexachloroethane	9.14	117	66101	32.914	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	147746	30.818	ng		93
20) 3+4-Methylphenols	8.81	107	215569	34.640	ng		99
22) Acetophenone	8.87	105	268017	33.759	ng		98
24) Nitrobenzene	9.25	77	216036	35.953	ng		97
25) Isophorone	9.78	82	402558	36.366	ng		98
26) 2-Nitrophenol	9.97	139	100300	42.124	ng		93
27) 2,4-Dimethylphenol	10.02	122	172265	39.077	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	238038	35.038	ng		99
29) 2,4-Dichlorophenol	10.50	162	186508	38.604	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	196526	34.772	ng		99
31) Naphthalene	10.91	128	554581	36.694	ng		98
32) Benzoic acid	10.10	122	27373	12.073	ng	#	81
33) 4-Chloroaniline	11.01	127	136512	19.711	ng		97
34) Hexachlorobutadiene	11.19	225	132504	34.894	ng		98
35) Caprolactam	11.78	113	61657	32.036	ng		97
36) 4-Chloro-3-methylphenol	12.13	107	198607	35.379	ng		97
37) 2-Methylnaphthalene	12.51	142	426568	38.574	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245664	37.314	ng		99
40) Hexachlorocyclopentadiene	12.86	237	227247	66.340	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	156067	38.915 ng		98
43) 2,4,5-Trichlorophenol	13.18	196	161247	37.696 ng		99
45) 1,1'-Biphenyl	13.51	154	527805	34.178 ng		98
46) 2-Chloronaphthalene	13.55	162	411750	34.926 ng		99
47) 2-Nitroaniline	13.75	65	140644	37.991 ng		98
48) Acenaphthylene	14.40	152	672221	36.485 ng		99
49) Dimethylphthalate	14.13	163	733532	48.287 ng		99
50) 2,6-Dinitrotoluene	14.25	165	115855	37.063 ng		95
51) Acenaphthene	14.74	154	396838	33.631 ng		97
52) 3-Nitroaniline	14.58	138	97278	28.878 ng	#	99
53) 2,4-Dinitrophenol	14.78	184	73788	62.320 ng		96
54) Dibenzofuran	15.08	168	628740	34.011 ng		99
55) 4-Nitrophenol	14.88	139	171665	62.327 ng		97
56) 2,4-Dinitrotoluene	15.04	165	158338	38.865 ng		90
57) Fluorene	15.72	166	496923	35.957 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	155506	38.693 ng	#	95
59) Diethylphthalate	15.49	149	503739	32.904 ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	281621	33.001 ng		98
61) 4-Nitroaniline	15.74	138	118539	33.628 ng		97
62) Azobenzene	16.00	77	499682	32.078 ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	77014	42.465 ng		95
65) n-Nitrosodiphenylamine	15.93	169	444655	36.247 ng		98
66) 4-Bromophenyl-phenylether	16.61	248	178674	36.964 ng		96
67) Hexachlorobenzene	16.73	284	178864	36.188 ng		96
68) Atrazine	16.87	200	183551	39.863 ng		98
69) Pentachlorophenol	17.07	266	208061	61.937 ng		100
70) Phenanthrene	17.46	178	760505	36.252 ng		99
71) Anthracene	17.56	178	783398	37.462 ng		99
72) Carbazole	17.82	167	683981	32.751 ng		98
73) Di-n-butylphthalate	18.38	149	755403	32.482 ng		99
74) Fluoranthene	19.47	202	871455	34.072 ng		99
76) Benzidine	19.65	184	365702	29.350 ng		100
77) Pyrene	19.83	202	858585	35.750 ng		100
79) Butylbenzylphthalate	20.71	149	340988	35.677 ng		98
80) Benzo(a)anthracene	21.67	228	864323	36.531 ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	201958	21.418 ng		98
82) Chrysene	21.73	228	814144	36.303 ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	555187	41.510 ng		99
84) Di-n-octyl phthalate	22.78	149	804064	35.992 ng		98
85) Indeno(1,2,3-cd)pyrene	28.54	276	921057	35.360 ng		98
87) Benzo(b)fluoranthene	23.88	252	823912	36.463 ng		97
88) Benzo(k)fluoranthene	23.94	252	818411	37.074 ng		98
89) Benzo(a)pyrene	24.75	252	808854	37.252 ng		99
90) Dibenzo(a,h)anthracene	28.60	278	731965	34.920 ng		98
91) Benzo(g,h,i)perylene	29.68	276	739033	35.084 ng		97

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

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