Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
Data File : BG036496.D
Acq On : 31 Aug 2018 2:40
Operator : JU/SJ
Sample : PB112500BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112500BS

Quant Time: Aug 31 04:20:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57852	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	243719	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	163345	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	431548	20.00	ng	0.00
75) Chrysene-d12	21.70	240	454306	20.00	ng	-0.01
86) Perylene-d12	24.91	264	484203	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	442422	121.31	ng	0.00
7) Phenol-d6	7.22	99	614304	117.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	358409	79.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	261408	134.12	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	858267	75.02	ng	-0.01
78) Terphenyl-d14	20.03	244	1513662	77.88	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	56225	33.035	ng	99
3) Pyridine	3.92	79	167622	35.086	ng	97
4) n-Nitrosodimethylamine	3.84	42	85873	40.356	ng	92
6) Aniline	7.38	93	185907	28.049	ng	95
8) 2-Chlorophenol	7.62	128	175184	44.295	ng	97
9) Benzaldehyde	7.20	77	96188	26.751	ng	99
10) Phenol	7.25	94	245872	44.996	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	166386	38.408	ng	99
12) 1,3-Dichlorobenzene	7.95	146	174298	38.596	ng	98
13) 1,4-Dichlorobenzene	8.10	146	177786	38.993	ng	97
14) 1,2-Dichlorobenzene	8.42	146	169365	38.896	ng	96
15) Benzyl Alcohol	8.29	79	171760	40.805	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	310595	35.552	ng	99
17) 2-Methylphenol	8.50	107	163796	45.144	ng	99
18) Hexachloroethane	9.15	117	63154	38.633	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	141210	36.185	ng	96
20) 3+4-Methylphenols	8.82	107	228445	45.097	ng	96
22) Acetophenone	8.88	105	265377	41.466	ng	97
24) Nitrobenzene	9.26	77	209178	43.185	ng	99
25) Isophorone	9.79	82	399217	44.738	ng	97
26) 2-Nitrophenol	9.97	139	90073	46.927	ng	94
27) 2,4-Dimethylphenol	10.03	122	183371	51.601	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	235561	43.012	ng	99
29) 2,4-Dichlorophenol	10.51	162	193275	49.626	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	190401	41.791	ng	98
31) Naphthalene	10.92	128	542569	44.534	ng	99
32) Benzoic acid	10.15	122	78720	31.570	ng	94
33) 4-Chloroaniline	11.02	127	111826	20.030	ng	98
34) Hexachlorobutadiene	11.20	225	125283	40.927	ng	98
35) Caprolactam	11.79	113	72419	46.678	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	219709	48.551	ng	99
37) 2-Methylnaphthalene	12.52	142	428423	48.059	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	243414	42.109	ng	99
40) Hexachlorocyclopentadiene	12.87	237	293200	97.485	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	167668	47.616	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	184843	49.215	ng		98
45) 1,1'-Biphenyl	13.52	154	560748	41.356	ng		98
46) 2-Chloronaphthalene	13.56	162	431327	41.670	ng		99
47) 2-Nitroaniline	13.76	65	152255	46.841	ng		95
48) Acenaphthylene	14.41	152	737034	45.560	ng		99
49) Dimethylphthalate	14.14	163	590756	44.291	ng		98
50) 2,6-Dinitrotoluene	14.26	165	129099	47.037	ng		95
51) Acenaphthene	14.75	154	444697	42.922	ng		99
52) 3-Nitroaniline	14.59	138	95002	32.121	ng		98
53) 2,4-Dinitrophenol	14.79	184	38553	37.085	ng		92
54) Dibenzofuran	15.09	168	702186	43.261	ng		99
55) 4-Nitrophenol	14.89	139	213253	88.184	ng		98
56) 2,4-Dinitrotoluene	15.04	165	181803	50.825	ng		87
57) Fluorene	15.73	166	568517	46.853	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	183983	52.139	ng		96
59) Diethylphthalate	15.50	149	592346	44.067	ng		100
60) 4-Chlorophenyl-phenylether	15.73	204	321780	42.946	ng		97
61) 4-Nitroaniline	15.75	138	149736	48.380	ng		96
62) Azobenzene	16.02	77	583104	42.635	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	48879	25.784	ng		95
65) n-Nitrosodiphenylamine	15.94	169	528940	41.250	ng		99
66) 4-Bromophenyl-phenylether	16.62	248	216073	42.765	ng		100
67) Hexachlorobenzene	16.73	284	217150	42.031	ng		98
68) Atrazine	16.88	200	223769	46.492	ng		98
69) Pentachlorophenol	17.08	266	219465	62.503	ng		97
70) Phenanthrene	17.47	178	987435	45.030	ng		98
71) Anthracene	17.57	178	999422	45.722	ng		98
72) Carbazole	17.83	167	904550	41.436	ng		100
73) Di-n-butylphthalate	18.39	149	1032119	42.458	ng		99
74) Fluoranthene	19.48	202	1224545	45.803	ng		98
76) Benzidine	19.65	184	495643	34.196	ng		100
77) Pyrene	19.84	202	1220881	43.701	ng		98
79) Butylbenzylphthalate	20.73	149	487564	43.853	ng		93
80) Benzo(a)anthracene	21.68	228	1234894	44.868	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	270931	24.700	ng		99
82) Chrysene	21.74	228	1141029	43.738	ng		97
83) Bis(2-ethylhexyl)phthalate	21.59	149	666076	42.812	ng		99
84) Di-n-octyl phthalate	22.81	149	1140531	43.888	ng		97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1432050	47.262	ng	#	95
87) Benzo(b)fluoranthene	23.89	252	1244080	46.269	ng		98
88) Benzo(k)fluoranthene	23.96	252	1207685	45.975	ng		99
89) Benzo(a)pyrene	24.76	252	1223089	47.338	ng		99
90) Dibenzo(a,h)anthracene	28.63	278	1152271	46.196	ng		98
91) Benzo(g,h,i)perylene	29.72	276	1162592	46.381	ng		98

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

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