Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033266.D
Acq On : 20 Mar 2018 11:22
Operator : SJ/JU
Sample : PB107389BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107389BS

Quant Time: Mar 20 16:24:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	41339	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	186955	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	137617	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	351010	20.00	ng		0.00
75) Chrysene-d12	22.60	240	350129	20.00	ng		0.00
86) Perylene-d12	26.40	264	361142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	399667	181.29	ng		0.00
7) Phenol-d6	8.01	99	600923	158.64	ng		0.00
23) Nitrobenzene-d5	10.10	82	377412	92.75	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	296440	144.03	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	913074	95.78	ng		0.00
78) Terphenyl-d14	20.76	244	1595025	97.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	42101	37.604	ng		91
3) Pyridine	4.41	79	115579	37.345	ng		96
4) n-Nitrosodimethylamine	4.32	42	64560	50.831	ng	#	84
6) Aniline	8.19	93	104790	23.524	ng		97
8) 2-Chlorophenol	8.45	128	135178	53.635	ng		98
9) Benzaldehyde	8.00	77	58037	24.109	ng		91
10) Phenol	8.04	94	197071	52.694	ng		89
11) bis(2-Chloroethyl)ether	8.28	93	136552	44.733	ng		96
12) 1,3-Dichlorobenzene	8.78	146	138163	41.930	ng		95
13) 1,4-Dichlorobenzene	8.94	146	137561	41.686	ng		99
14) 1,2-Dichlorobenzene	9.27	146	141773	44.019	ng		98
15) Benzyl Alcohol	9.14	79	156322	52.415	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.42	45	226915	45.598	ng		92
17) 2-Methylphenol	9.34	107	127871	50.190	ng		91
18) Hexachloroethane	10.02	117	52845	41.491	ng		98
19) n-Nitroso-di-n-propylamine	9.71	70	125394	45.176	ng		98
20) 3+4-Methylphenols	9.67	107	177408	48.907	ng		88
22) Acetophenone	9.74	105	216845	42.337	ng	#	96
24) Nitrobenzene	10.15	77	184070	42.261	ng		92
25) Isophorone	10.66	82	358376	45.377	ng		98
26) 2-Nitrophenol	10.87	139	78524	47.620	ng	#	82
27) 2,4-Dimethylphenol	10.90	122	135272	56.470	ng		85
28) bis(2-Chloroethoxy)methane	11.14	93	191633	48.631	ng		98
29) 2,4-Dichlorophenol	11.42	162	153047	51.952	ng		97
30) 1,2,4-Trichlorobenzene	11.63	180	160967	42.055	ng		97
31) Naphthalene	11.83	128	421657	43.523	ng		100
32) Benzoic acid	11.04	122	88383	39.690	ng		91
33) 4-Chloroaniline	11.93	127	81615	18.803	ng		96
34) Hexachlorobutadiene	12.09	225	118054	40.786	ng		95
35) Caprolactam	12.69	113	52224	45.250	ng		91
36) 4-Chloro-3-methylphenol	12.99	107	189566	49.337	ng		92
37) 2-Methylnaphthalene	13.38	142	327599	43.566	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	217920	43.716	ng		98
40) Hexachlorocyclopentadiene	13.71	237	293868	100.562	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	143747	49.633	ng		95
43) 2,4,5-Trichlorophenol	14.04	196	169138	49.408	ng		97
45) 1,1'-Biphenyl	14.35	154	458818	43.396	ng		97
46) 2-Chloronaphthalene	14.41	162	364256	44.682	ng		98
47) 2-Nitroaniline	14.60	65	144739	47.402	ng		92
48) Acenaphthylene	15.25	152	581326	42.721	ng		98
49) Dimethylphthalate	14.94	163	520721	43.479	ng		98
50) 2,6-Dinitrotoluene	15.07	165	117714	48.069	ng		97
51) Acenaphthene	15.58	154	442564	50.452	ng		99
52) 3-Nitroaniline	15.41	138	65237	25.410	ng	#	96
53) 2,4-Dinitrophenol	15.61	184	131020	101.088	ng	#	83
54) Dibenzofuran	15.91	168	585436	45.182	ng		92
55) 4-Nitrophenol	15.69	139	184559	102.231	ng	#	83
56) 2,4-Dinitrotoluene	15.85	165	166692	46.231	ng		93
57) Fluorene	16.55	166	481975	43.663	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	161685	50.170	ng		97
59) Diethylphthalate	16.28	149	514227	44.218	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	280666	44.231	ng		97
61) 4-Nitroaniline	16.57	138	101686	39.112	ng	#	85
62) Azobenzene	16.82	77	514994	45.715	ng		98
64) 4,6-Dinitro-2-methylphenol	16.60	198	91751	43.694	ng		96
65) n-Nitrosodiphenylamine	16.74	169	447884	44.695	ng		99
66) 4-Bromophenyl-phenylether	17.41	248	188625	45.757	ng		94
67) Hexachlorobenzene	17.54	284	191288	43.969	ng		94
68) Atrazine	17.66	200	184616	45.465	ng		98
69) Pentachlorophenol	17.88	266	259912	87.044	ng		99
70) Phenanthrene	18.29	178	817748	44.733	ng		98
71) Anthracene	18.38	178	841655	45.471	ng		99
72) Carbazole	18.64	167	736055	44.876	ng		97
73) Di-n-butylphthalate	19.13	149	862597	45.183	ng	#	98
74) Fluoranthene	20.24	202	1037008	45.841	ng		97
76) Benzidine	20.40	184	220020	23.172	ng		97
77) Pyrene	20.60	202	1024629	43.878	ng		98
79) Butylbenzylphthalate	21.46	149	392753	45.578	ng		93
80) Benzo(a)anthracene	22.58	228	1009645	45.286	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	222642	28.063	ng	#	97
82) Chrysene	22.66	228	945058	43.790	ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	529846	44.604	ng		98
84) Di-n-octyl phthalate	23.81	149	898994	49.428	ng		98
85) Indeno(1,2,3-cd)pyrene	30.82	276	1122830	48.121	ng	#	85
87) Benzo(b)fluoranthene	25.18	252	976432	46.798	ng	#	96
88) Benzo(k)fluoranthene	25.26	252	983432	46.603	ng	#	98
89) Benzo(a)pyrene	26.22	252	958485	47.835	ng	#	97
90) Dibenzo(a,h)anthracene	30.90	278	936649	49.626	ng		98
91) Benzo(g,h,i)perylene	32.22	276	931013	49.813	ng	#	94

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

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