Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031455.D
Acq On : 11 Dec 2017 14:45
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Dec 11 16:37:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:31:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	45120	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	214698	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	151123	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	387146	20.00	ng		0.00
75) Chrysene-d12	21.75	240	409970	20.00	ng		0.00
86) Perylene-d12	25.03	264	399885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	214222	81.41	ng		0.00
7) Phenol-d6	7.27	99	294027	82.94	ng		0.00
23) Nitrobenzene-d5	9.28	82	293244	80.93	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	149353	61.09	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	841881	80.05	ng		0.00
78) Terphenyl-d14	20.07	244	1466523	78.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	47748	44.716	ng	#	82
3) Pyridine	3.92	79	134865	43.505	ng		92
4) n-Nitrosodimethylamine	3.83	42	63546	43.253	ng	#	90
6) Aniline	7.43	93	191616	41.073	ng		95
8) 2-Chlorophenol	7.67	128	117994	40.635	ng		92
9) Benzaldehyde	7.24	77	83847	33.800	ng		89
10) Phenol	7.30	94	152687	41.476	ng		93
11) bis(2-Chloroethyl)ether	7.52	93	123819	42.124	ng		92
12) 1,3-Dichlorobenzene	7.99	146	137568	40.380	ng		97
13) 1,4-Dichlorobenzene	8.15	146	142260	41.207	ng		91
14) 1,2-Dichlorobenzene	8.46	146	133924	40.416	ng		97
15) Benzyl Alcohol	8.35	79	113302	39.847	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	134658	41.475	ng		92
17) 2-Methylphenol	8.56	107	103591	40.409	ng		96
18) Hexachloroethane	9.19	117	48221	40.132	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	113622	42.155	ng	#	97
20) 3+4-Methylphenols	8.89	107	149756	41.082	ng		96
22) Acetophenone	8.93	105	215439	40.301	ng	#	94
24) Nitrobenzene	9.32	77	150997	40.798	ng	#	93
25) Isophorone	9.84	82	282813	40.023	ng	#	94
26) 2-Nitrophenol	10.03	139	73875	38.293	ng		90
27) 2,4-Dimethylphenol	10.09	122	114131	39.850	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	177680	39.924	ng		98
29) 2,4-Dichlorophenol	10.58	162	136998	39.834	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	162707	39.626	ng		98
31) Naphthalene	10.97	128	426760	40.434	ng		97
32) Benzoic acid	10.25	122	56990	26.047	ng		88
33) 4-Chloroaniline	11.08	127	190298	41.188	ng		96
34) Hexachlorobutadiene	11.25	225	105371	37.003	ng		92
35) Caprolactam	11.85	113	52078	37.068	ng	#	70
36) 4-Chloro-3-methylphenol	12.21	107	148653	39.713	ng		88
37) 2-Methylnaphthalene	12.57	142	334086	41.004	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	242307	40.398	ng		97
40) Hexachlorocyclopentadiene	12.91	237	57510	34.495	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	130164	37.961	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	140681	37.499	ng		95
45) 1,1'-Biphenyl	13.56	154	508682	40.592	ng		96
46) 2-Chloronaphthalene	13.62	162	370970	41.029	ng		96
47) 2-Nitroaniline	13.82	65	107002	39.927	ng		89
48) Acenaphthylene	14.46	152	602717	40.728	ng		98
49) Dimethylphthalate	14.18	163	516650	39.540	ng		99
50) 2,6-Dinitrotoluene	14.31	165	111637	41.451	ng	#	77
51) Acenaphthene	14.80	154	376302	40.715	ng		98
52) 3-Nitroaniline	14.65	138	112104	39.201	ng	#	81
53) 2,4-Dinitrophenol	14.86	184	38283	29.954	ng	#	56
54) Dibenzofuran	15.13	168	597204	40.567	ng		98
55) 4-Nitrophenol	14.97	139	71618	35.157	ng	#	88
56) 2,4-Dinitrotoluene	15.10	165	158244	40.642	ng	#	77
57) Fluorene	15.78	166	483493	40.454	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	132914	37.173	ng	#	94
59) Diethylphthalate	15.53	149	519101	39.110	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	295279	40.908	ng		93
61) 4-Nitroaniline	15.80	138	118420	39.106	ng		94
62) Azobenzene	16.06	77	432822	42.758	ng		97
64) 4,6-Dinitro-2-methylphenol	15.87	198	91664	35.621	ng		80
65) n-Nitrosodiphenylamine	15.98	169	465857	39.710	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	183414	37.406	ng		96
67) Hexachlorobenzene	16.78	284	186314	35.760	ng		98
68) Atrazine	16.92	200	173688	35.883	ng		97
69) Pentachlorophenol	17.13	266	82667	28.704	ng		96
70) Phenanthrene	17.52	178	807139	40.042	ng		99
71) Anthracene	17.61	178	812369	40.220	ng		99
72) Carbazole	17.88	167	741519	39.181	ng		98
73) Di-n-butylphthalate	18.42	149	864043	37.184	ng		100
74) Fluoranthene	19.52	202	1019504	39.946	ng		97
76) Benzidine	19.69	184	412744	31.342	ng		97
77) Pyrene	19.88	202	1049661	43.147	ng		99
79) Butylbenzylphthalate	20.74	149	384564	39.647	ng		88
80) Benzo(a)anthracene	21.73	228	1010506	39.681	ng		99
81) 3,3'-Dichlorobenzidine	21.64	252	370162	36.010	ng		99
82) Chrysene	21.80	228	966331	41.021	ng		98
83) Bis(2-ethylhexyl)phthalate	21.61	149	544372	38.879	ng		99
84) Di-n-octyl phthalate	22.83	149	912441	40.038	ng		96
85) Indeno(1,2,3-cd)pyrene	28.82	276	1054484	36.821	ng	#	72
87) Benzo(b)fluoranthene	23.99	252	968677	40.046	ng		98
88) Benzo(k)fluoranthene	24.06	252	991284	41.345	ng		99
89) Benzo(a)pyrene	24.88	252	929212	40.437	ng		98
90) Dibenzo(a,h)anthracene	28.86	278	891224	37.945	ng		98
91) Benzo(g,h,i)perylene	30.00	276	872714	38.284	ng		98

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

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