Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031459.D
Acq On : 11 Dec 2017 17:22
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG121117

Quant Time: Dec 11 18:02:51 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 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46416	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	226518	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	156673	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	401724	20.00	ng		0.00
75) Chrysene-d12	21.75	240	427739	20.00	ng		0.00
86) Perylene-d12	25.03	264	427156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	217675	83.13	ng		0.00
7) Phenol-d6	7.27	99	310575	85.43	ng		0.00
23) Nitrobenzene-d5	9.28	82	304616	82.89	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	161182	87.81	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	880560	82.50	ng		0.00
78) Terphenyl-d14	20.07	244	1525244	81.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	46900	37.536	ng		85
3) Pyridine	3.92	79	139824	42.504	ng		91
4) n-Nitrosodimethylamine	3.83	42	64826	41.836	ng	#	91
6) Aniline	7.42	93	203089	42.421	ng		96
8) 2-Chlorophenol	7.67	128	124099	42.486	ng		92
9) Benzaldehyde	7.24	77	89171	42.318	ng		93
10) Phenol	7.30	94	162905	43.622	ng		92
11) bis(2-Chloroethyl)ether	7.52	93	127551	41.848	ng		94
12) 1,3-Dichlorobenzene	7.99	146	142117	40.913	ng		98
13) 1,4-Dichlorobenzene	8.14	146	145644	40.344	ng		96
14) 1,2-Dichlorobenzene	8.46	146	140494	40.854	ng		98
15) Benzyl Alcohol	8.35	79	119011	41.850	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.63	45	137977	40.294	ng		94
17) 2-Methylphenol	8.56	107	107879	42.378	ng		96
18) Hexachloroethane	9.19	117	50481	41.483	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	119500	41.764	ng	#	97
20) 3+4-Methylphenols	8.89	107	159108	41.956	ng		94
22) Acetophenone	8.93	105	224232	41.263	ng	#	93
24) Nitrobenzene	9.32	77	155122	41.191	ng		91
25) Isophorone	9.84	82	293389	42.243	ng	#	93
26) 2-Nitrophenol	10.03	139	76730	41.205	ng		95
27) 2,4-Dimethylphenol	10.09	122	118991	42.064	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	190298	42.440	ng		98
29) 2,4-Dichlorophenol	10.58	162	141417	42.432	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	171413	40.264	ng		96
31) Naphthalene	10.97	128	446922	40.161	ng		98
32) Benzoic acid	10.26	122	63509	40.898	ng	#	85
33) 4-Chloroaniline	11.08	127	201420	41.686	ng		95
34) Hexachlorobutadiene	11.25	225	113044	40.032	ng		95
35) Caprolactam	11.86	113	55027	42.047	ng	#	75
36) 4-Chloro-3-methylphenol	12.21	107	158078	41.553	ng	#	91
37) 2-Methylnaphthalene	12.57	142	354646	41.160	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	256048	41.816	ng		96
40) Hexachlorocyclopentadiene	12.91	237	60096	39.959	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	137670	44.006	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	148303	44.008	ng		94
45) 1,1'-Biphenyl	13.57	154	533955	41.494	ng		97
46) 2-Chloronaphthalene	13.62	162	387930	41.188	ng		96
47) 2-Nitroaniline	13.82	65	111871	42.270	ng	#	81
48) Acenaphthylene	14.46	152	628676	41.483	ng		99
49) Dimethylphthalate	14.18	163	541982	41.785	ng		99
50) 2,6-Dinitrotoluene	14.31	165	116096	41.875	ng	#	80
51) Acenaphthene	14.80	154	395862	41.311	ng		99
52) 3-Nitroaniline	14.65	138	117478	41.567	ng	#	84
53) 2,4-Dinitrophenol	14.86	184	39212	39.108	ng	#	51
54) Dibenzofuran	15.13	168	627631	41.045	ng		99
55) 4-Nitrophenol	14.97	139	76716	41.936	ng	#	84
56) 2,4-Dinitrotoluene	15.10	165	163901	41.622	ng	#	77
57) Fluorene	15.78	166	510744	41.685	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	138044	43.580	ng	#	92
59) Diethylphthalate	15.53	149	547728	42.128	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	307391	41.006	ng		93
61) 4-Nitroaniline	15.80	138	123472	41.631	ng		95
62) Azobenzene	16.06	77	440036	40.857	ng		96
64) 4,6-Dinitro-2-methylphenol	15.87	198	97959	41.076	ng		76
65) n-Nitrosodiphenylamine	15.98	169	492080	41.849	ng		98
66) 4-Bromophenyl-phenylether	16.65	248	191943	41.089	ng		100
67) Hexachlorobenzene	16.78	284	195945	40.621	ng		98
68) Atrazine	16.92	200	180464	41.973	ng		96
69) Pentachlorophenol	17.14	266	85018	39.733	ng		97
70) Phenanthrene	17.52	178	839863	40.031	ng		98
71) Anthracene	17.61	178	846306	40.786	ng		99
72) Carbazole	17.88	167	776801	41.368	ng		99
73) Di-n-butylphthalate	18.42	149	921360	42.489	ng		99
74) Fluoranthene	19.52	202	1074958	40.941	ng		98
76) Benzidine	19.69	184	396794	39.861	ng		97
77) Pyrene	19.88	202	1089732	41.001	ng		98
79) Butylbenzylphthalate	20.74	149	416556	44.676	ng		87
80) Benzo(a)anthracene	21.73	228	1067984	41.366	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	384103	42.747	ng		100
82) Chrysene	21.80	228	1011730	40.877	ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	587908	43.827	ng		98
84) Di-n-octyl phthalate	22.82	149	976764	44.143	ng		95
85) Indeno(1,2,3-cd)pyrene	28.80	276	1131226	42.767	ng		99
87) Benzo(b)fluoranthene	23.99	252	1026627	40.200	ng		98
88) Benzo(k)fluoranthene	24.05	252	1053104	40.409	ng		98
89) Benzo(a)pyrene	24.87	252	987429	40.760	ng		98
90) Dibenzo(a,h)anthracene	28.84	278	960320	41.453	ng		97
91) Benzo(g,h,i)perylene	29.98	276	924852	40.607	ng		97

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

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