Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034494.D
Acq On : 16 May 2018 18:44
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG051618

Quant Time: May 16 19:34:25 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 16 21:44:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44753	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	199902	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	152517	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	371156	20.00	ng		0.00
75) Chrysene-d12	21.74	240	378873	20.00	ng		0.00
86) Perylene-d12	25.01	264	406771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	227428	78.27	ng		0.00
7) Phenol-d6	7.21	99	374306	79.63	ng		0.00
23) Nitrobenzene-d5	9.22	82	430325	82.23	ng		0.00
41) 2,4,6-Tribromophenol	16.18	330	209570	79.78	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	870083	77.45	ng		0.00
78) Terphenyl-d14	20.06	244	1427766	82.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	41986	35.180	ng	#	76
3) Pyridine	3.92	79	148254	38.518	ng	#	79
4) n-Nitrosodimethylamine	3.84	42	93676	41.611	ng	#	70
6) Aniline	7.36	93	243269	39.647	ng		96
8) 2-Chlorophenol	7.61	128	119772	38.979	ng		96
9) Benzaldehyde	7.18	77	130314	40.124	ng		87
10) Phenol	7.24	94	186106	39.701	ng	#	76
11) bis(2-Chloroethyl)ether	7.46	93	136579	38.567	ng		91
12) 1,3-Dichlorobenzene	7.93	146	141305	39.077	ng	#	83
13) 1,4-Dichlorobenzene	8.08	146	140107	38.052	ng		95
14) 1,2-Dichlorobenzene	8.40	146	141697	39.208	ng		93
15) Benzyl Alcohol	8.28	79	190399	39.584	ng		85
16) 2,2'-oxybis(1-Chloropropan	8.57	45	166905	41.527	ng		86
17) 2-Methylphenol	8.49	107	119245	37.867	ng	#	77
18) Hexachloroethane	9.13	117	60369	38.972	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	145613	37.824	ng		98
20) 3+4-Methylphenols	8.82	107	168399	38.356	ng	#	77
22) Acetophenone	8.87	105	257562	40.330	ng	#	95
24) Nitrobenzene	9.26	77	216615	39.882	ng		91
25) Isophorone	9.78	82	416690	41.080	ng	#	96
26) 2-Nitrophenol	9.97	139	80203	41.352	ng	#	76
27) 2,4-Dimethylphenol	10.03	122	135853	40.060	ng		87
28) bis(2-Chloroethoxy)methane	10.26	93	201618	39.492	ng		95
29) 2,4-Dichlorophenol	10.51	162	150148	42.458	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	165785	39.427	ng		93
31) Naphthalene	10.91	128	423346	40.732	ng		97
32) Benzoic acid	10.16	122	94358	39.290	ng	#	84
33) 4-Chloroaniline	11.02	127	188210	41.522	ng	#	87
34) Hexachlorobutadiene	11.20	225	137004	41.011	ng		98
35) Caprolactam	11.79	113	55538	41.310	ng	#	87
36) 4-Chloro-3-methylphenol	12.14	107	202897	42.580	ng		92
37) 2-Methylnaphthalene	12.52	142	337485	40.207	ng	#	81
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	229334	40.011	ng	#	98
40) Hexachlorocyclopentadiene	12.86	237	175697	39.145	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	143341	40.197 ng		93
43) 2,4,5-Trichlorophenol	13.20	196	158914	40.615 ng	#	94
45) 1,1'-Biphenyl	13.53	154	473319	39.403 ng		96
46) 2-Chloronaphthalene	13.57	162	368477	38.970 ng		94
47) 2-Nitroaniline	13.77	65	158448	41.018 ng		90
48) Acenaphthylene	14.42	152	548044	37.874 ng		98
49) Dimethylphthalate	14.14	163	514671	39.095 ng		99
50) 2,6-Dinitrotoluene	14.26	165	112494	41.670 ng	#	74
51) Acenaphthene	14.76	154	357362	38.095 ng		93
52) 3-Nitroaniline	14.60	138	96428	38.646 ng	#	73
53) 2,4-Dinitrophenol	14.80	184	73501	41.383 ng	#	73
54) Dibenzofuran	15.09	168	597458	38.827 ng	#	84
55) 4-Nitrophenol	14.91	139	85328	38.915 ng	#	42
56) 2,4-Dinitrotoluene	15.06	165	160469	40.043 ng	#	94
57) Fluorene	15.74	166	469450	39.089 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	163498	38.305 ng		97
59) Diethylphthalate	15.51	149	537935	39.291 ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	280959	39.395 ng		89
61) 4-Nitroaniline	15.77	138	110914	39.211 ng	#	31
62) Azobenzene	16.03	77	568369	39.106 ng		93
64) 4,6-Dinitro-2-methylphenol	15.82	198	95377	40.073 ng		95
65) n-Nitrosodiphenylamine	15.95	169	440178	40.556 ng		96
66) 4-Bromophenyl-phenylether	16.63	248	207048	42.388 ng	#	89
67) Hexachlorobenzene	16.75	284	225380	41.756 ng		95
68) Atrazine	16.90	200	192371	39.993 ng		97
69) Pentachlorophenol	17.09	266	140386	43.128 ng		100
70) Phenanthrene	17.49	178	818530	40.491 ng		99
71) Anthracene	17.58	178	822779	40.167 ng		98
72) Carbazole	17.85	167	674294	39.776 ng	#	93
73) Di-n-butylphthalate	18.41	149	840459	40.044 ng	#	96
74) Fluoranthene	19.50	202	993729	39.998 ng		96
76) Benzidine	19.68	184	439784	42.581 ng		97
77) Pyrene	19.86	202	966235	40.742 ng		97
79) Butylbenzylphthalate	20.75	149	377007	41.230 ng		87
80) Benzo(a)anthracene	21.72	228	992251	40.305 ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	407089	42.514 ng	#	97
82) Chrysene	21.78	228	927812	41.092 ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	505209	40.681 ng		94
84) Di-n-octyl phthalate	22.86	149	854510	41.106 ng		99
85) Indeno(1,2,3-cd)pyrene	28.74	276	1182651	40.937 ng	#	80
87) Benzo(b)fluoranthene	23.97	252	1038670	40.353 ng	#	95
88) Benzo(k)fluoranthene	24.04	252	979142	40.045 ng	#	96
89) Benzo(a)pyrene	24.86	252	1000895	40.969 ng	#	93
90) Dibenzo(a,h)anthracene	28.80	278	978881	40.404 ng	#	93
91) Benzo(g,h,i)perylene	29.90	276	988315	40.581 ng	#	89

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

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