Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032151.D
Acq On : 19 Jan 2018 14:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 19 22:16:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	41270	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	171057	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	126849	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	341388	20.00	ng		0.00
75) Chrysene-d12	22.45	240	405521	20.00	ng		0.00
86) Perylene-d12	26.15	264	438638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	171004	75.78	ng		0.00
7) Phenol-d6	7.85	99	229073	80.60	ng		0.00
23) Nitrobenzene-d5	9.94	82	216418	85.59	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	172593	82.22	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	794953	77.71	ng		0.00
78) Terphenyl-d14	20.65	244	1359844	74.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	29335	33.839	ng	#	75
3) Pyridine	4.28	79	85661	37.019	ng	#	85
4) n-Nitrosodimethylamine	4.18	42	35992	44.274	ng	#	88
6) Aniline	8.04	93	139509	38.919	ng		96
8) 2-Chlorophenol	8.29	128	95896	37.978	ng	#	81
9) Benzaldehyde	7.84	77	62077	37.700	ng		90
10) Phenol	7.88	94	106446	38.023	ng		95
11) bis(2-Chloroethyl)ether	8.13	93	85736	38.227	ng	#	80
12) 1,3-Dichlorobenzene	8.63	146	129883	39.302	ng		95
13) 1,4-Dichlorobenzene	8.78	146	131446	39.504	ng		93
14) 1,2-Dichlorobenzene	9.11	146	125531	39.005	ng		97
15) Benzyl Alcohol	8.98	79	89694	43.445	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.27	45	88349	38.761	ng		81
17) 2-Methylphenol	9.18	107	83041	38.814	ng		95
18) Hexachloroethane	9.87	117	43504	42.542	ng	#	78
19) n-Nitroso-di-n-propylamine	9.56	70	73087	41.449	ng	#	85
20) 3+4-Methylphenols	9.51	107	117450	39.627	ng		97
22) Acetophenone	9.58	105	154458	39.752	ng	#	91
24) Nitrobenzene	9.98	77	106783	42.340	ng		90
25) Isophorone	10.51	82	191851	40.750	ng	#	84
26) 2-Nitrophenol	10.71	139	62900	42.091	ng	#	82
27) 2,4-Dimethylphenol	10.75	122	93295	39.341	ng		91
28) bis(2-Chloroethoxy)methane	10.99	93	111151	39.185	ng	#	94
29) 2,4-Dichlorophenol	11.25	162	122922	42.126	ng		87
30) 1,2,4-Trichlorobenzene	11.48	180	152560	40.483	ng		98
31) Naphthalene	11.68	128	335516	39.595	ng		98
32) Benzoic acid	10.86	122	65165	35.760	ng		90
33) 4-Chloroaniline	11.77	127	149004	41.006	ng		93
34) Hexachlorobutadiene	11.94	225	119943	44.313	ng		94
35) Caprolactam	12.52	113	39187	44.267	ng	#	61
36) 4-Chloro-3-methylphenol	12.84	107	118865	44.504	ng	#	87
37) 2-Methylnaphthalene	13.24	142	274030	40.733	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	219863	39.763	ng	#	96
40) Hexachlorocyclopentadiene	13.57	237	129233	41.496	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	125239	40.311	ng		96
43) 2,4,5-Trichlorophenol	13.89	196	149053	41.448	ng	#	90
45) 1,1'-Biphenyl	14.22	154	414036	38.074	ng		95
46) 2-Chloronaphthalene	14.27	162	320724	37.912	ng		97
47) 2-Nitroaniline	14.46	65	74607	46.068	ng	#	73
48) Acenaphthylene	15.11	152	498054	38.662	ng		98
49) Dimethylphthalate	14.81	163	447712	40.333	ng	#	98
50) 2,6-Dinitrotoluene	14.93	165	96955	42.080	ng	#	75
51) Acenaphthene	15.45	154	341640	40.107	ng		96
52) 3-Nitroaniline	15.27	138	89788	43.147	ng	#	75
53) 2,4-Dinitrophenol	15.46	184	42226	40.318	ng	#	45
54) Dibenzofuran	15.77	168	503606	39.631	ng		100
55) 4-Nitrophenol	15.55	139	67410	44.450	ng	#	82
56) 2,4-Dinitrotoluene	15.72	165	138752	44.730	ng	#	67
57) Fluorene	16.42	166	418050	40.113	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.99	232	148350	44.594	ng	#	84
59) Diethylphthalate	16.15	149	442471	41.117	ng		96
60) 4-Chlorophenyl-phenylether	16.40	204	266052	41.616	ng		92
61) 4-Nitroaniline	16.42	138	94690	47.435	ng		90
62) Azobenzene	16.69	77	280609	41.661	ng		89
64) 4,6-Dinitro-2-methylphenol	16.47	198	87260	40.755	ng	#	69
65) n-Nitrosodiphenylamine	16.61	169	387651	37.421	ng		98
66) 4-Bromophenyl-phenylether	17.28	248	190447	39.208	ng		96
67) Hexachlorobenzene	17.41	284	200573	37.324	ng	#	90
68) Atrazine	17.53	200	169575	38.925	ng		97
69) Pentachlorophenol	17.75	266	132674	38.625	ng		96
70) Phenanthrene	18.15	178	715651	37.652	ng		99
71) Anthracene	18.25	178	720310	37.996	ng		98
72) Carbazole	18.51	167	649500	39.494	ng		100
73) Di-n-butylphthalate	19.01	149	730196	37.576	ng		100
74) Fluoranthene	20.12	202	921941	38.740	ng		94
76) Benzidine	20.28	184	397052	39.155	ng		99
77) Pyrene	20.48	202	942810	36.984	ng		99
79) Butylbenzylphthalate	21.34	149	329440	36.069	ng	#	77
80) Benzo(a)anthracene	22.43	228	979388	38.834	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	389320	41.325	ng	#	98
82) Chrysene	22.50	228	940993	38.852	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	468404	34.972	ng	#	96
84) Di-n-octyl phthalate	23.65	149	748352	35.180	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.43	276	1195391	40.330	ng	#	88
87) Benzo(b)fluoranthene	24.96	252	1019363	38.447	ng	#	97
88) Benzo(k)fluoranthene	25.04	252	1014495	39.158	ng	#	96
89) Benzo(a)pyrene	25.97	252	986025	39.314	ng	#	94
90) Dibenzo(a,h)anthracene	30.52	278	988327	40.893	ng	#	94
91) Benzo(g,h,i)perylene	31.79	276	984554	39.856	ng	#	93

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

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