Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033479.D
Acq On : 2 Apr 2018 10:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
4/3/2018 12:07:52 PM

Quant Time: Apr 03 03:56:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	33409	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	158190	20.00	ng		-0.01
38) Acenaphthene-d10	15.48	164	124977	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	313490	20.00	ng		0.00
75) Chrysene-d12	22.56	240	312532	20.00	ng		0.00
86) Perylene-d12	26.32	264	332078	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	167756	94.16	ng		0.00
7) Phenol-d6	7.98	99	286377	93.55	ng		0.00
23) Nitrobenzene-d5	10.06	82	297336	86.36	ng		-0.01
41) 2,4,6-Tribromophenol	16.96	330	153965	82.37	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	724866	83.73	ng		0.00
78) Terphenyl-d14	20.73	244	1193478	81.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	39279	43.411	ng		90
3) Pyridine	4.39	79	118358	47.320	ng		97
4) n-Nitrosodimethylamine	4.30	42	46384	45.189	ng	#	82
6) Aniline	8.16	93	166482	46.244	ng		97
8) 2-Chlorophenol	8.41	128	96160	47.210	ng		99
9) Benzaldehyde	7.97	77	68953	35.442	ng		90
10) Phenol	8.01	94	141818	46.921	ng		87
11) bis(2-Chloroethyl)ether	8.25	93	109428	44.356	ng		95
12) 1,3-Dichlorobenzene	8.75	146	114608m	43.038	ng		
13) 1,4-Dichlorobenzene	8.90	146	113455	42.541	ng		92
14) 1,2-Dichlorobenzene	9.23	146	118582	45.557	ng		97
15) Benzyl Alcohol	9.10	79	130388	54.097	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.38	45	183183	45.547	ng		90
17) 2-Methylphenol	9.31	107	95062m	46.169	ng		
18) Hexachloroethane	9.98	117	46286	44.968	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	106280	47.378	ng		97
20) 3+4-Methylphenols	9.64	107	142434	48.585	ng		88
22) Acetophenone	9.71	105	187886	43.353	ng	#	97
24) Nitrobenzene	10.11	77	161758	43.892	ng	#	88
25) Isophorone	10.62	82	300891	45.026	ng		99
26) 2-Nitrophenol	10.83	139	64064	45.915	ng	#	87
27) 2,4-Dimethylphenol	10.87	122	89975	44.390	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	145809	43.731	ng		98
29) 2,4-Dichlorophenol	11.38	162	108509	43.531	ng		96
30) 1,2,4-Trichlorobenzene	11.60	180	140070	43.250	ng		96
31) Naphthalene	11.80	128	352381	42.987	ng		98
32) Benzoic acid	11.00	122	61792	32.794	ng		94
33) 4-Chloroaniline	11.90	127	158645	43.196	ng	#	91
34) Hexachlorobutadiene	12.06	225	100117	40.879	ng		96
35) Caprolactam	12.64	113	43854	44.907	ng		94
36) 4-Chloro-3-methylphenol	12.97	107	151648	46.645	ng		97
37) 2-Methylnaphthalene	13.35	142	270475	42.510	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	184839	40.830	ng		99
40) Hexachlorocyclopentadiene	13.67	237	103166	38.874	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	117265	44.584	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	138884	44.673	ng		99
45) 1,1'-Biphenyl	14.32	154	410106	42.712	ng		99
46) 2-Chloronaphthalene	14.38	162	307147	41.487	ng		95
47) 2-Nitroaniline	14.57	65	124482	44.891	ng		94
48) Acenaphthylene	15.21	152	531680	43.024	ng		99
49) Dimethylphthalate	14.91	163	463337	42.600	ng		100
50) 2,6-Dinitrotoluene	15.04	165	98008	44.070	ng		94
51) Acenaphthene	15.55	154	337760	42.399	ng		93
52) 3-Nitroaniline	15.38	138	98931	42.431	ng	#	93
53) 2,4-Dinitrophenol	15.58	184	31187	32.135	ng		91
54) Dibenzofuran	15.88	168	502713	42.722	ng		92
55) 4-Nitrophenol	15.67	139	63640	38.817	ng	#	77
56) 2,4-Dinitrotoluene	15.82	165	143804	43.916	ng	#	94
57) Fluorene	16.52	166	429135	42.808	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	125686	42.944	ng		96
59) Diethylphthalate	16.25	149	463219	43.860	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	244473	42.424	ng		99
61) 4-Nitroaniline	16.53	138	105673	44.756	ng	#	86
62) Azobenzene	16.79	77	449216	43.909	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	76687	40.891	ng		94
65) n-Nitrosodiphenylamine	16.70	169	384848	43.001	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	152715	41.480	ng	#	92
67) Hexachlorobenzene	17.51	284	164991	42.463	ng		98
68) Atrazine	17.62	200	154357	42.562	ng		99
69) Pentachlorophenol	17.85	266	106193	39.820	ng		97
70) Phenanthrene	18.26	178	696836	42.681	ng		99
71) Anthracene	18.34	178	710348	42.971	ng		99
72) Carbazole	18.60	167	625960	42.731	ng		97
73) Di-n-butylphthalate	19.10	149	748287	43.886	ng	#	98
74) Fluoranthene	20.21	202	836989	41.427	ng		97
76) Benzidine	20.37	184	406243	47.932	ng		98
77) Pyrene	20.56	202	855349	41.036	ng		98
79) Butylbenzylphthalate	21.42	149	339479	44.134	ng		98
80) Benzo(a)anthracene	22.54	228	829951	41.705	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	322246	45.504	ng		98
82) Chrysene	22.61	228	805580	41.818	ng		97
83) Bis(2-ethylhexyl)phthalate	22.36	149	484117	45.657	ng		97
84) Di-n-octyl phthalate	23.75	149	773584	47.649	ng		98
85) Indeno(1,2,3-cd)pyrene	30.69	276	939401	45.103	ng	#	80
87) Benzo(b)fluoranthene	25.11	252	796526	41.517	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	824061	42.468	ng	#	98
89) Benzo(a)pyrene	26.15	252	791066	42.935	ng	#	96
90) Dibenzo(a,h)anthracene	30.78	278	780067	44.947	ng		96
91) Benzo(g,h,i)perylene	32.07	276	747078	43.471	ng		95

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

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