Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032762.D
Acq On : 21 Feb 2018 16:21
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG022118

Manual Integrations APPROVED
Sohil
2/22/2018 3:13:58 PM

Quant Time: Feb 21 17:00:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 15:45:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.94	152	66701	20.00	ng		0.00
21) Naphthalene-d8	11.83	136	308425	20.00	ng		0.00
38) Acenaphthene-d10	15.55	164	175204	20.00	ng		0.00
63) Phenanthrene-d10	18.28	188	374730	20.00	ng		0.00
75) Chrysene-d12	22.64	240	327770	20.00	ng		0.00
86) Perylene-d12	26.47	264	349100	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.35	112	338569	81.21	ng		0.00
7) Phenol-d6	8.03	99	462889	79.65	ng		0.00
23) Nitrobenzene-d5	10.14	82	373409	84.13	ng		0.00
41) 2,4,6-Tribromophenol	17.02	330	153418	83.28	ng		0.00
44) 2-Fluorobiphenyl	14.19	172	947125	77.97	ng		0.00
78) Terphenyl-d14	20.80	244	1134224	77.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	70367	38.889	ng		87
3) Pyridine	4.44	79	202887	40.682	ng		93
4) n-Nitrosodimethylamine	4.34	42	78331	39.176	ng	#	89
6) Aniline	8.23	93	310409	39.461	ng		96
8) 2-Chlorophenol	8.48	128	184565	40.445	ng		93
9) Benzaldehyde	8.04	77	128159	38.265	ng		93
10) Phenol	8.06	94	232614	39.708	ng		89
11) bis(2-Chloroethyl)ether	8.32	93	189472	39.554	ng		93
12) 1,3-Dichlorobenzene	8.82	146	211143	39.503	ng		97
13) 1,4-Dichlorobenzene	8.98	146	214901	39.943	ng		95
14) 1,2-Dichlorobenzene	9.31	146	202423	39.262	ng		97
15) Benzyl Alcohol	9.17	79	173289	40.562	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.47	45	321612	39.056	ng		97
17) 2-Methylphenol	9.36	107	169510	39.241	ng		94
18) Hexachloroethane	10.07	117	75051	40.970	ng		87
19) n-Nitroso-di-n-propylamine	9.75	70	163786	39.922	ng	#	97
20) 3+4-Methylphenols	9.70	107	238607	39.726	ng		93
22) Acetophenone	9.78	105	306783	39.386	ng	#	93
24) Nitrobenzene	10.18	77	201806	41.956	ng		92
25) Isophorone	10.71	82	426757	39.421	ng	#	94
26) 2-Nitrophenol	10.91	139	79198	46.337	ng		90
27) 2,4-Dimethylphenol	10.94	122	188044	39.986	ng		88
28) bis(2-Chloroethoxy)methane	11.19	93	250095	39.657	ng		96
29) 2,4-Dichlorophenol	11.44	162	173225	40.585	ng		94
30) 1,2,4-Trichlorobenzene	11.68	180	197856	39.546	ng		98
31) Naphthalene	11.88	128	630129	39.099	ng		99
32) Benzoic acid	11.05	122	128006	45.001	ng	#	80
33) 4-Chloroaniline	11.96	127	282197	39.161	ng		95
34) Hexachlorobutadiene	12.14	225	113337	40.385	ng		99
35) Caprolactam	12.70	113	71270	41.702	ng	#	81
36) 4-Chloro-3-methylphenol	13.02	107	200265	40.320	ng		90
37) 2-Methylnaphthalene	13.42	142	463193	39.726	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.78	216	204491	39.318	ng	#	98
40) Hexachlorocyclopentadiene	13.75	237	111676	42.132	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	133600	40.733	ng		98
43) 2,4,5-Trichlorophenol	14.06	196	152982	40.299	ng	#	96
45) 1,1'-Biphenyl	14.39	154	595067	38.868	ng		95
46) 2-Chloronaphthalene	14.45	162	444996	38.910	ng		98
47) 2-Nitroaniline	14.63	65	118974	42.633	ng	#	83
48) Acenaphthylene	15.28	152	727926	38.876	ng		98
49) Dimethylphthalate	14.98	163	577797	38.840	ng		99
50) 2,6-Dinitrotoluene	15.10	165	103599	43.173	ng		91
51) Acenaphthene	15.62	154	456700	39.164	ng		98
52) 3-Nitroaniline	15.43	138	126488	42.541	ng	#	86
53) 2,4-Dinitrophenol	15.63	184	27249	43.292	ng	#	1
54) Dibenzofuran	15.94	168	638760	38.470	ng		96
55) 4-Nitrophenol	15.70	139	95837	42.939	ng	#	77
56) 2,4-Dinitrotoluene	15.88	165	129359	46.004	ng	#	86
57) Fluorene	16.58	166	521726	38.070	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.15	232	121034m	41.066	ng		
59) Diethylphthalate	16.32	149	597577	38.085	ng		99
60) 4-Chlorophenyl-phenylether	16.56	204	258818	38.606	ng		92
61) 4-Nitroaniline	16.58	138	132862	41.999	ng		85
62) Azobenzene	16.85	77	530929	37.823	ng		96
64) 4,6-Dinitro-2-methylphenol	16.63	198	49125	45.938	ng		97
65) n-Nitrosodiphenylamine	16.77	169	472146	38.731	ng		97
66) 4-Bromophenyl-phenylether	17.45	248	154725	39.049	ng	#	89
67) Hexachlorobenzene	17.58	284	164818	38.491	ng	#	93
68) Atrazine	17.69	200	157621	39.281	ng		95
69) Pentachlorophenol	17.91	266	115446	42.803	ng		99
70) Phenanthrene	18.32	178	804877	38.499	ng		98
71) Anthracene	18.41	178	811730	38.675	ng		99
72) Carbazole	18.66	167	787160	38.049	ng		97
73) Di-n-butylphthalate	19.18	149	998706	39.350	ng		99
74) Fluoranthene	20.27	202	882131	38.198	ng		93
76) Benzidine	20.42	184	430425	38.525	ng		97
77) Pyrene	20.63	202	908066	39.286	ng		96
79) Butylbenzylphthalate	21.50	149	429108	41.872	ng		92
80) Benzo(a)anthracene	22.62	228	815837	38.816	ng		98
81) 3,3'-Dichlorobenzidine	22.50	252	311411	40.004	ng	#	98
82) Chrysene	22.69	228	781334	38.915	ng		97
83) Bis(2-ethylhexyl)phthalate	22.47	149	619442	40.834	ng	#	96
84) Di-n-octyl phthalate	23.91	149	976778	42.244	ng		97
85) Indeno(1,2,3-cd)pyrene	30.92	276	937722	40.047	ng		94
87) Benzo(b)fluoranthene	25.24	252	809574	39.221	ng	#	97
88) Benzo(k)fluoranthene	25.32	252	792044	38.610	ng	#	97
89) Benzo(a)pyrene	26.28	252	773232	39.385	ng	#	96
90) Dibenzo(a,h)anthracene	31.01	278	777055	39.322	ng	#	91
91) Benzo(g,h,i)perylene	32.32	276	766535	39.349	ng	#	89

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

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