Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033747.D
Acq On : 11 Apr 2018 16:16
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/12/2018 2:35:30 PM

Quant Time: Apr 12 01:39:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32763	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	151083	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	115631	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	315705	20.00	ng		0.00
75) Chrysene-d12	22.55	240	319896	20.00	ng		0.00
86) Perylene-d12	26.30	264	351307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	144161	82.51	ng		0.00
7) Phenol-d6	7.97	99	250712	83.51	ng		0.00
23) Nitrobenzene-d5	10.06	82	257860	78.41	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	131057	75.78	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	622501	77.72	ng		0.00
78) Terphenyl-d14	20.72	244	1121633	74.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	34159	38.497	ng		91
3) Pyridine	4.39	79	93582	38.152	ng		97
4) n-Nitrosodimethylamine	4.30	42	44853	44.559	ng	#	93
6) Aniline	8.15	93	148347	42.019	ng	#	91
8) 2-Chlorophenol	8.40	128	82619	41.362	ng		96
9) Benzaldehyde	7.96	77	62897m	32.967	ng		
10) Phenol	8.00	94	128379	43.312	ng		87
11) bis(2-Chloroethyl)ether	8.24	93	99412	41.090	ng		96
12) 1,3-Dichlorobenzene	8.74	146	102788	39.360	ng		93
13) 1,4-Dichlorobenzene	8.89	146	104554	39.977	ng		99
14) 1,2-Dichlorobenzene	9.22	146	103063	40.376	ng		95
15) Benzyl Alcohol	9.09	79	97789	41.372	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	168992	42.847	ng		90
17) 2-Methylphenol	9.29	107	83587	41.396	ng	#	93
18) Hexachloroethane	9.97	117	40308	39.932	ng		92
19) n-Nitroso-di-n-propylamine	9.66	70	94747	43.070	ng		98
20) 3+4-Methylphenols	9.62	107	126908	44.143	ng		91
22) Acetophenone	9.70	105	162256	39.200	ng	#	95
24) Nitrobenzene	10.10	77	141056	40.075	ng		91
25) Isophorone	10.62	82	261761	41.013	ng		98
26) 2-Nitrophenol	10.83	139	54939	41.228	ng		88
27) 2,4-Dimethylphenol	10.86	122	79539	41.088	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	121576	38.178	ng		99
29) 2,4-Dichlorophenol	11.37	162	96342	40.468	ng		94
30) 1,2,4-Trichlorobenzene	11.59	180	114858	37.134	ng		93
31) Naphthalene	11.79	128	309442	39.524	ng		98
32) Benzoic acid	11.00	122	58913m	32.737	ng		
33) 4-Chloroaniline	11.89	127	136985	39.053	ng	#	92
34) Hexachlorobutadiene	12.05	225	86011	36.771	ng		96
35) Caprolactam	12.63	113	44093	47.276	ng		90
36) 4-Chloro-3-methylphenol	12.95	107	125120	40.296	ng		95
37) 2-Methylnaphthalene	13.34	142	234001	38.508	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	155658	37.163	ng		99
40) Hexachlorocyclopentadiene	13.67	237	102278	41.655	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	96423	39.623	ng		96
43) 2,4,5-Trichlorophenol	14.00	196	110668	38.474	ng		97
45) 1,1'-Biphenyl	14.31	154	346158	38.966	ng		97
46) 2-Chloronaphthalene	14.37	162	271024	39.567	ng		97
47) 2-Nitroaniline	14.56	65	111070	43.292	ng		92
48) Acenaphthylene	15.20	152	457790	40.039	ng		99
49) Dimethylphthalate	14.90	163	406266	40.372	ng		98
50) 2,6-Dinitrotoluene	15.03	165	84739	41.183	ng		99
51) Acenaphthene	15.54	154	305848	41.496	ng		95
52) 3-Nitroaniline	15.37	138	86640	40.163	ng	#	94
53) 2,4-Dinitrophenol	15.57	184	46990	47.529	ng	#	82
54) Dibenzofuran	15.86	168	429602	39.459	ng		91
55) 4-Nitrophenol	15.66	139	59861	39.463	ng	#	81
56) 2,4-Dinitrotoluene	15.81	165	130051	42.927	ng		93
57) Fluorene	16.51	166	372464	40.157	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	101220m	37.380	ng		
59) Diethylphthalate	16.24	149	402780	41.220	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	206657	38.760	ng		98
61) 4-Nitroaniline	16.53	138	93426	42.767	ng	#	80
62) Azobenzene	16.77	77	387135	40.899	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	71626	37.925	ng		95
65) n-Nitrosodiphenylamine	16.70	169	344453	38.218	ng		94
66) 4-Bromophenyl-phenylether	17.37	248	134736	36.340	ng		90
67) Hexachlorobenzene	17.51	284	146331	37.397	ng		94
68) Atrazine	17.61	200	135622	37.134	ng		98
69) Pentachlorophenol	17.84	266	86475m	32.199	ng		
70) Phenanthrene	18.25	178	615246	37.419	ng		97
71) Anthracene	18.34	178	640657	38.483	ng		99
72) Carbazole	18.59	167	581561	39.422	ng	#	97
73) Di-n-butylphthalate	19.09	149	695531	40.506	ng		99
74) Fluoranthene	20.20	202	779993	38.335	ng		97
76) Benzidine	20.36	184	295016	34.007	ng		98
77) Pyrene	20.56	202	805802	37.769	ng		100
79) Butylbenzylphthalate	21.41	149	319852	40.626	ng		97
80) Benzo(a)anthracene	22.53	228	773858	37.991	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	293089	40.434	ng	#	98
82) Chrysene	22.60	228	759993	38.543	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	447958	41.274	ng		96
84) Di-n-octyl phthalate	23.74	149	717920	43.203	ng		100
85) Indeno(1,2,3-cd)pyrene	30.66	276	879039	41.233	ng	#	86
87) Benzo(b)fluoranthene	25.10	252	762784	37.582	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	761413m	37.092	ng		
89) Benzo(a)pyrene	26.13	252	743336	38.136	ng	#	96
90) Dibenzo(a,h)anthracene	30.76	278	720820	39.260	ng	#	96
91) Benzo(g,h,i)perylene	32.05	276	711641	39.142	ng	#	94

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

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