Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033381.D
Acq On : 28 Mar 2018 3:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/28/2018 4:59:02 PM

Quant Time: Mar 28 08:54:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	56352	20.00	ng		-0.02
21) Naphthalene-d8	11.76	136	233842	20.00	ng		-0.02
38) Acenaphthene-d10	15.49	164	174615	20.00	ng		-0.02
63) Phenanthrene-d10	18.22	188	426687	20.00	ng		-0.02
75) Chrysene-d12	22.57	240	436561	20.00	ng		-0.03
86) Perylene-d12	26.34	264	467879	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	255557	85.04	ng		-0.01
7) Phenol-d6	7.98	99	415600	80.49	ng		-0.01
23) Nitrobenzene-d5	10.08	82	415638	81.66	ng		-0.01
41) 2,4,6-Tribromophenol	16.96	330	210602	80.64	ng		-0.03
44) 2-Fluorobiphenyl	14.12	172	972990	80.44	ng		-0.01
78) Terphenyl-d14	20.74	244	1535057	75.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	56222	36.838	ng		87
3) Pyridine	4.40	79	169755	40.237	ng		96
4) n-Nitrosodimethylamine	4.31	42	71922	41.541	ng	#	86
6) Aniline	8.18	93	240573	39.618	ng		98
8) 2-Chlorophenol	8.42	128	137095	39.904	ng		97
9) Benzaldehyde	7.98	77	109802m	33.461	ng		
10) Phenol	8.01	94	197928	38.824	ng		86
11) bis(2-Chloroethyl)ether	8.26	93	157606	37.875	ng		95
12) 1,3-Dichlorobenzene	8.76	146	170266	37.907	ng		93
13) 1,4-Dichlorobenzene	8.91	146	171838	38.200	ng		99
14) 1,2-Dichlorobenzene	9.25	146	169732	38.660	ng		97
15) Benzyl Alcohol	9.11	79	170084	41.836	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.39	45	252567	37.231	ng		88
17) 2-Methylphenol	9.31	107	145208m	41.811	ng		
18) Hexachloroethane	9.99	117	68762	39.605	ng		95
19) n-Nitroso-di-n-propylamine	9.69	70	148483	39.243	ng		97
20) 3+4-Methylphenols	9.65	107	203711	41.197	ng		91
22) Acetophenone	9.72	105	275696	43.034	ng	#	97
24) Nitrobenzene	10.13	77	220804	40.531	ng		92
25) Isophorone	10.64	82	397697	40.259	ng		97
26) 2-Nitrophenol	10.85	139	92275	44.739	ng	#	92
27) 2,4-Dimethylphenol	10.88	122	126727	42.295	ng		91
28) bis(2-Chloroethoxy)methane	11.12	93	199753	40.528	ng		96
29) 2,4-Dichlorophenol	11.39	162	159043	43.162	ng		93
30) 1,2,4-Trichlorobenzene	11.61	180	197570	41.269	ng		96
31) Naphthalene	11.81	128	490970	40.517	ng		97
32) Benzoic acid	11.03	122	115338	41.409	ng	#	89
33) 4-Chloroaniline	11.91	127	219714	40.470	ng		93
34) Hexachlorobutadiene	12.07	225	153102	42.289	ng		99
35) Caprolactam	12.67	113	55339	38.335	ng		92
36) 4-Chloro-3-methylphenol	12.97	107	206375	42.942	ng		95
37) 2-Methylnaphthalene	13.36	142	370007	39.340	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	260567	41.196	ng		99
40) Hexachlorocyclopentadiene	13.68	237	153896	41.505	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	158622	43.164	ng		99
43) 2,4,5-Trichlorophenol	14.02	196	188750	43.454	ng		96
45) 1,1'-Biphenyl	14.33	154	547649	40.823	ng		96
46) 2-Chloronaphthalene	14.39	162	421043	40.705	ng		97
47) 2-Nitroaniline	14.58	65	159001	41.040	ng		93
48) Acenaphthylene	15.22	152	686942	39.786	ng		98
49) Dimethylphthalate	14.92	163	597724	39.334	ng		97
50) 2,6-Dinitrotoluene	15.05	165	126333	40.658	ng		93
51) Acenaphthene	15.56	154	464659	41.747	ng		98
52) 3-Nitroaniline	15.39	138	121448	37.281	ng	#	93
53) 2,4-Dinitrophenol	15.59	184	75702	50.195	ng	#	80
54) Dibenzofuran	15.89	168	637958	38.803	ng		92
55) 4-Nitrophenol	15.66	139	82967	36.220	ng		91
56) 2,4-Dinitrotoluene	15.83	165	181095	39.583	ng		92
57) Fluorene	16.53	166	544216	38.855	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	165246	40.410	ng		98
59) Diethylphthalate	16.26	149	581277	39.393	ng		97
60) 4-Chlorophenyl-phenylether	16.50	204	319626	39.698	ng		99
61) 4-Nitroaniline	16.54	138	127438	38.631	ng	#	85
62) Azobenzene	16.79	77	542849	37.977	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	97178	38.071	ng		92
65) n-Nitrosodiphenylamine	16.71	169	497046	40.804	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	207706	41.450	ng		96
67) Hexachlorobenzene	17.52	284	219900	41.581	ng		95
68) Atrazine	17.63	200	201434	40.808	ng		99
69) Pentachlorophenol	17.85	266	148129	40.809	ng		98
70) Phenanthrene	18.26	178	865926	38.967	ng		97
71) Anthracene	18.35	178	885854	39.371	ng		98
72) Carbazole	18.61	167	781569	39.199	ng		95
73) Di-n-butylphthalate	19.11	149	940898	40.543	ng	#	98
74) Fluoranthene	20.22	202	1058891	38.506	ng		97
76) Benzidine	20.37	184	424626	35.867	ng		98
77) Pyrene	20.57	202	1089546	37.421	ng		99
79) Butylbenzylphthalate	21.43	149	429400	39.965	ng		96
80) Benzo(a)anthracene	22.54	228	1068113	38.424	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	418488	42.306	ng		97
82) Chrysene	22.62	228	1041425	38.702	ng		97
83) Bis(2-ethylhexyl)phthalate	22.37	149	609373	41.142	ng		98
84) Di-n-octyl phthalate	23.76	149	976725	43.070	ng		97
85) Indeno(1,2,3-cd)pyrene	30.72	276	1220443	41.949	ng	#	88
87) Benzo(b)fluoranthene	25.12	252	1048216	38.777	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	1072024	39.212	ng	#	97
89) Benzo(a)pyrene	26.16	252	1034996	39.870	ng	#	96
90) Dibenzo(a,h)anthracene	30.80	278	1028490	42.061	ng	#	96
91) Benzo(g,h,i)perylene	32.10	276	990391	40.902	ng	#	94

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

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