Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031486.D
Acq On : 12 Dec 2017 11:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/13/2017 12:03:21 PM

Quant Time: Dec 13 06:11:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58090	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	263291	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	187732	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	475860	20.00	ng		0.00
75) Chrysene-d12	21.75	240	517564	20.00	ng		0.00
86) Perylene-d12	25.03	264	516317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	264672	80.76	ng		0.00
7) Phenol-d6	7.28	99	362674	79.72	ng		0.00
23) Nitrobenzene-d5	9.28	82	332085	77.74	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	184713	83.98	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	953594	74.56	ng		0.00
78) Terphenyl-d14	20.07	244	1693848	74.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	58466	37.389	ng	#	80
3) Pyridine	3.93	79	162236	39.406	ng		88
4) n-Nitrosodimethylamine	3.84	42	72946	37.616	ng	#	91
6) Aniline	7.43	93	231852	38.697	ng		95
8) 2-Chlorophenol	7.68	128	145587	39.826	ng		86
9) Benzaldehyde	7.25	77	100212	38.000	ng		92
10) Phenol	7.30	94	187390	40.095	ng		91
11) bis(2-Chloroethyl)ether	7.52	93	146757	38.473	ng		88
12) 1,3-Dichlorobenzene	8.00	146	167667	38.569	ng		97
13) 1,4-Dichlorobenzene	8.15	146	169519	37.520	ng		97
14) 1,2-Dichlorobenzene	8.46	146	163530	37.996	ng		98
15) Benzyl Alcohol	8.35	79	132657	37.274	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	153894	35.911	ng		92
17) 2-Methylphenol	8.56	107	124663	39.130	ng		98
18) Hexachloroethane	9.19	117	59095	38.803	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	126897	35.437	ng	#	96
20) 3+4-Methylphenols	8.89	107	175677	37.016	ng		97
22) Acetophenone	8.93	105	245390	38.850	ng	#	94
24) Nitrobenzene	9.32	77	167985	38.377	ng	#	92
25) Isophorone	9.84	82	313316	38.811	ng	#	93
26) 2-Nitrophenol	10.04	139	86236	39.842	ng	#	89
27) 2,4-Dimethylphenol	10.09	122	131891	40.113	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	203569	39.059	ng		99
29) 2,4-Dichlorophenol	10.58	162	159941	41.287	ng		93
30) 1,2,4-Trichlorobenzene	10.78	180	189010	38.197	ng		98
31) Naphthalene	10.97	128	491798	38.021	ng		98
32) Benzoic acid	10.26	122	73399	40.739	ng	#	82
33) 4-Chloroaniline	11.08	127	221655	39.467	ng		94
34) Hexachlorobutadiene	11.25	225	124245	37.853	ng		92
35) Caprolactam	11.86	113	59362	39.025	ng	#	80
36) 4-Chloro-3-methylphenol	12.21	107	174124	39.378	ng	#	85
37) 2-Methylnaphthalene	12.57	142	382193	38.162	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	271455	36.998	ng		97
40) Hexachlorocyclopentadiene	12.91	237	56793	34.193	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	152504	40.683	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	162552	40.256	ng		92
45) 1,1'-Biphenyl	13.57	154	578867	37.542	ng		96
46) 2-Chloronaphthalene	13.62	162	423182	37.498	ng		96
47) 2-Nitroaniline	13.82	65	121331	38.260	ng	#	81
48) Acenaphthylene	14.46	152	685616	37.756	ng		99
49) Dimethylphthalate	14.18	163	597022	38.413	ng		99
50) 2,6-Dinitrotoluene	14.31	165	127086	38.255	ng	#	76
51) Acenaphthene	14.80	154	431475	37.578	ng		99
52) 3-Nitroaniline	14.64	138	130141	38.430	ng	#	81
53) 2,4-Dinitrophenol	14.86	184	37071m	32.766	ng		
54) Dibenzofuran	15.13	168	683851	37.323	ng		98
55) 4-Nitrophenol	14.97	139	86157	39.527	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	183203	38.827	ng	#	73
57) Fluorene	15.78	166	559951	38.140	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.36	232	154844	40.797	ng	#	91
59) Diethylphthalate	15.53	149	605866	38.890	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	336138	37.423	ng		94
61) 4-Nitroaniline	15.81	138	138396	38.943	ng		92
62) Azobenzene	16.05	77	485574	37.626	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	102704	36.920	ng		77
65) n-Nitrosodiphenylamine	15.98	169	546855	39.261	ng		100
66) 4-Bromophenyl-phenylether	16.65	248	214310	38.730	ng		99
67) Hexachlorobenzene	16.79	284	220128	38.525	ng		96
68) Atrazine	16.92	200	205374	40.325	ng		99
69) Pentachlorophenol	17.14	266	92175	36.846	ng		96
70) Phenanthrene	17.52	178	940967	37.862	ng		98
71) Anthracene	17.61	178	944121	38.411	ng		100
72) Carbazole	17.88	167	879852	39.556	ng		100
73) Di-n-butylphthalate	18.42	149	1035776	40.324	ng		99
74) Fluoranthene	19.52	202	1197198	38.493	ng		97
76) Benzidine	19.69	184	439109	36.457	ng		98
77) Pyrene	19.88	202	1220378	37.948	ng		95
79) Butylbenzylphthalate	20.74	149	470576	41.711	ng		87
80) Benzo(a)anthracene	21.72	228	1195257	38.261	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	450706	41.454	ng		99
82) Chrysene	21.79	228	1130420	37.746	ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	659911	40.657	ng		99
84) Di-n-octyl phthalate	22.82	149	1115799	41.675	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	1286505	40.196	ng		99
87) Benzo(b)fluoranthene	23.98	252	1168187	37.844	ng		99
88) Benzo(k)fluoranthene	24.05	252	1186394	37.662	ng		96
89) Benzo(a)pyrene	24.87	252	1121812	38.310	ng		97
90) Dibenzo(a,h)anthracene	28.84	278	1085045	38.749	ng		97
91) Benzo(g,h,i)perylene	29.98	276	1068930	38.829	ng		99

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

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