Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032918.D
Acq On : 1 Mar 2018 15:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/2/2018 3:28:50 PM

Quant Time: Mar 01 17:41:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	64145	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	304380	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	175110	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	370071	20.00	ng		0.00
75) Chrysene-d12	22.62	240	330080	20.00	ng		0.00
86) Perylene-d12	26.43	264	353881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	320805	80.01	ng		0.00
7) Phenol-d6	8.02	99	448915	80.33	ng		0.00
23) Nitrobenzene-d5	10.12	82	398797	90.23	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	145576	79.06	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	910998	75.03	ng		0.00
78) Terphenyl-d14	20.78	244	1075163	73.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	67704	38.909	ng		91
3) Pyridine	4.43	79	196126	40.893	ng		100
4) n-Nitrosodimethylamine	4.33	42	81477	42.373	ng	#	89
6) Aniline	8.21	93	291141	38.487	ng		97
8) 2-Chlorophenol	8.46	128	176298	40.172	ng		91
9) Benzaldehyde	8.02	77	114069	35.415	ng		87
10) Phenol	8.04	94	227230	40.335	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	175390	38.074	ng		96
12) 1,3-Dichlorobenzene	8.80	146	196852	38.297	ng		99
13) 1,4-Dichlorobenzene	8.96	146	197574	38.186	ng		96
14) 1,2-Dichlorobenzene	9.29	146	188745	38.068	ng		100
15) Benzyl Alcohol	9.15	79	162432	39.536	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	314919	39.767	ng		96
17) 2-Methylphenol	9.34	107	165196	39.766	ng		98
18) Hexachloroethane	10.05	117	71040	40.326	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	153808	38.984	ng	#	96
20) 3+4-Methylphenols	9.68	107	234319	40.566	ng		95
22) Acetophenone	9.76	105	293125	38.132	ng	#	96
24) Nitrobenzene	10.17	77	210156	43.920	ng		90
25) Isophorone	10.68	82	402679	37.692	ng	#	95
26) 2-Nitrophenol	10.89	139	97700	54.391	ng		92
27) 2,4-Dimethylphenol	10.92	122	177457	38.236	ng		90
28) bis(2-Chloroethoxy)methane	11.16	93	235492	37.837	ng		96
29) 2,4-Dichlorophenol	11.43	162	168707	40.052	ng		93
30) 1,2,4-Trichlorobenzene	11.66	180	185416	37.552	ng		96
31) Naphthalene	11.86	128	601254	37.803	ng		99
32) Benzoic acid	11.02	122	113298	41.759	ng	#	83
33) 4-Chloroaniline	11.95	127	266820	37.519	ng		97
34) Hexachlorobutadiene	12.12	225	102876	37.145	ng		95
35) Caprolactam	12.69	113	67189	39.837	ng		93
36) 4-Chloro-3-methylphenol	13.00	107	199701	40.741	ng		91
37) 2-Methylnaphthalene	13.41	142	436200	37.908	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	192600	37.051	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	102988	38.875	ng		89

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	132311	40.361 ng		99
43) 2,4,5-Trichlorophenol	14.05	196	154598	40.747 ng	#	97
45) 1,1'-Biphenyl	14.38	154	573046	37.449 ng		95
46) 2-Chloronaphthalene	14.43	162	426790	37.338 ng		97
47) 2-Nitroaniline	14.61	65	140068	48.469 ng		91
48) Acenaphthylene	15.27	152	702389	37.533 ng		98
49) Dimethylphthalate	14.96	163	544169	36.599 ng		100
50) 2,6-Dinitrotoluene	15.09	165	116974	47.618 ng		88
51) Acenaphthene	15.60	154	435113	37.333 ng		99
52) 3-Nitroaniline	15.42	138	131309	43.895 ng	#	90
53) 2,4-Dinitrophenol	15.61	184	20905	35.328 ng	#	1
54) Dibenzofuran	15.92	168	612022	36.879 ng		95
55) 4-Nitrophenol	15.68	139	82986	38.147 ng		82
56) 2,4-Dinitrotoluene	15.86	165	158033	53.412 ng		87
57) Fluorene	16.57	166	504185	36.810 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	116922m	39.692 ng		
59) Diethylphthalate	16.30	149	574581	36.639 ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	248509	37.088 ng		93
61) 4-Nitroaniline	16.57	138	127873	40.640 ng		83
62) Azobenzene	16.83	77	510882	36.415 ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	59457	52.954 ng		96
65) n-Nitrosodiphenylamine	16.75	169	458270	38.066 ng		100
66) 4-Bromophenyl-phenylether	17.43	248	146211	37.364 ng	#	87
67) Hexachlorobenzene	17.56	284	155943	36.877 ng	#	90
68) Atrazine	17.67	200	141863	35.799 ng		97
69) Pentachlorophenol	17.90	266	98926	37.140 ng		100
70) Phenanthrene	18.30	178	772234	37.403 ng		97
71) Anthracene	18.40	178	775264	37.402 ng		99
72) Carbazole	18.65	167	738271	36.135 ng		97
73) Di-n-butylphthalate	19.15	149	939003	37.464 ng		99
74) Fluoranthene	20.25	202	835256	36.624 ng		94
76) Benzidine	20.41	184	294455	26.171 ng		96
77) Pyrene	20.61	202	862431	37.050 ng		97
79) Butylbenzylphthalate	21.47	149	428948	41.563 ng		92
80) Benzo(a)anthracene	22.60	228	803936	37.982 ng		100
81) 3,3'-Dichlorobenzidine	22.48	252	293912	37.492 ng	#	98
82) Chrysene	22.67	228	768152	37.991 ng		97
83) Bis(2-ethylhexyl)phthalate	22.43	149	623661	40.824 ng	#	96
84) Di-n-octyl phthalate	23.85	149	1000434	42.964 ng		99
85) Indeno(1,2,3-cd)pyrene	30.85	276	866189	36.734 ng		97
87) Benzo(b)fluoranthene	25.20	252	777627	37.165 ng	#	97
88) Benzo(k)fluoranthene	25.28	252	796569	38.306 ng	#	95
89) Benzo(a)pyrene	26.25	252	758837	38.130 ng	#	95
90) Dibenzo(a,h)anthracene	30.94	278	707859	35.336 ng	#	92
91) Benzo(g,h,i)perylene	32.25	276	698122	35.353 ng	#	90

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

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