Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033234.D
Acq On : 19 Mar 2018 10:33
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
3/20/2018 6:29:22 PM

Quant Time: Mar 19 12:11:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 11:53:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	32307	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	153947	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	119508	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	306764	20.00	ng		0.00
75) Chrysene-d12	22.60	240	297990	20.00	ng		0.00
86) Perylene-d12	26.40	264	310751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	86980	43.07	ng		0.00
7) Phenol-d6	8.00	99	150750	53.56	ng		0.00
23) Nitrobenzene-d5	10.10	82	165285	88.68	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	87679	69.78	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	407121	49.13	ng		0.00
78) Terphenyl-d14	20.76	244	705923	53.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	22889	26.117	ng		87
3) Pyridine	4.41	79	57340	23.738	ng		93
4) n-Nitrosodimethylamine	4.33	42	23379	24.141	ng	#	86
6) Aniline	8.19	93	90205	23.676	ng	#	97
8) 2-Chlorophenol	8.44	128	49957	22.602	ng		93
9) Benzaldehyde	8.00	77	53617m	33.051	ng		
10) Phenol	8.02	94	73416	25.874	ng		94
11) bis(2-Chloroethyl)ether	8.28	93	58136	25.057	ng		93
12) 1,3-Dichlorobenzene	8.77	146	64165	24.785	ng		92
13) 1,4-Dichlorobenzene	8.93	146	62376	23.936	ng		96
14) 1,2-Dichlorobenzene	9.26	146	62950	25.209	ng		92
15) Benzyl Alcohol	9.13	79	60712	29.340	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	9.41	45	100303	25.148	ng		79
17) 2-Methylphenol	9.33	107	47540	22.721	ng	#	91
18) Hexachloroethane	10.01	117	25123	28.315	ng		97
19) n-Nitroso-di-n-propylamine	9.70	70	57129	28.750	ng		91
20) 3+4-Methylphenols	9.66	107	73719	25.340	ng		93
22) Acetophenone	9.74	105	103078	26.512	ng	#	97
24) Nitrobenzene	10.14	77	85147	38.284	ng	#	88
25) Isophorone	10.65	82	162279	30.033	ng		98
26) 2-Nitrophenol	10.87	139	34064	42.775	ng	#	89
27) 2,4-Dimethylphenol	10.90	122	45534	19.398	ng		91
28) bis(2-Chloroethoxy)methane	11.14	93	77470	24.611	ng		96
29) 2,4-Dichlorophenol	11.41	162	61571	28.901	ng		96
30) 1,2,4-Trichlorobenzene	11.63	180	73615	29.478	ng		98
31) Naphthalene	11.83	128	193399	24.042	ng		98
32) Benzoic acid	11.00	122	39503	29.521	ng	#	87
33) 4-Chloroaniline	11.93	127	83272	23.151	ng		95
34) Hexachlorobutadiene	12.09	225	57034	40.716	ng		94
35) Caprolactam	12.66	113	22487	26.361	ng	#	91
36) 4-Chloro-3-methylphenol	12.98	107	80220	32.357	ng		89
37) 2-Methylnaphthalene	13.38	142	154343	26.520	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	103711	29.234	ng		99
40) Hexachlorocyclopentadiene	13.70	237	58966	32.614	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	63134	28.219	ng		95
43) 2,4,5-Trichlorophenol	14.03	196	70671	27.293	ng		97
45) 1,1'-Biphenyl	14.35	154	225899	21.631	ng		99
46) 2-Chloronaphthalene	14.41	162	175845	22.541	ng		95
47) 2-Nitroaniline	14.60	65	68876	40.852	ng		93
48) Acenaphthylene	15.24	152	302573	23.691	ng		98
49) Dimethylphthalate	14.93	163	260336	25.656	ng		98
50) 2,6-Dinitrotoluene	15.07	165	55602	38.087	ng		95
51) Acenaphthene	15.57	154	191287	24.049	ng		98
52) 3-Nitroaniline	15.41	138	56442	30.626	ng	#	87
53) 2,4-Dinitrophenol	15.61	184	19113	45.659	ng		91
54) Dibenzofuran	15.90	168	279042	24.638	ng		93
55) 4-Nitrophenol	15.68	139	38082	27.309	ng		88
56) 2,4-Dinitrotoluene	15.84	165	80880	46.155	ng		89
57) Fluorene	16.55	166	237104	25.364	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	72212	35.920	ng		93
59) Diethylphthalate	16.27	149	253596	23.694	ng		97
60) 4-Chlorophenyl-phenylether	16.52	204	135806	29.698	ng		97
61) 4-Nitroaniline	16.56	138	56983	28.355	ng		88
62) Azobenzene	16.81	77	246757	25.771	ng		98
64) 4,6-Dinitro-2-methylphenol	16.60	198	42842	51.951	ng		98
65) n-Nitrosodiphenylamine	16.73	169	215922	21.637	ng		97
66) 4-Bromophenyl-phenylether	17.41	248	90312	27.842	ng		94
67) Hexachlorobenzene	17.54	284	94924	27.080	ng		96
68) Atrazine	17.65	200	88631	26.982	ng		98
69) Pentachlorophenol	17.88	266	61590	27.895	ng		96
70) Phenanthrene	18.28	178	393534	22.994	ng		98
71) Anthracene	18.38	178	398814	23.211	ng		99
72) Carbazole	18.63	167	356459	21.048	ng		96
73) Di-n-butylphthalate	19.12	149	418962	20.165	ng	#	99
74) Fluoranthene	20.24	202	486960	25.758	ng		97
76) Benzidine	20.40	184	209993	20.674	ng		99
77) Pyrene	20.60	202	499860	23.787	ng		99
79) Butylbenzylphthalate	21.45	149	182446	19.582	ng		96
80) Benzo(a)anthracene	22.58	228	474006	24.806	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	172196	24.331	ng		99
82) Chrysene	22.65	228	452434	24.786	ng		99
83) Bis(2-ethylhexyl)phthalate	22.39	149	246942	17.905	ng		96
84) Di-n-octyl phthalate	23.80	149	382724	18.206	ng		98
85) Indeno(1,2,3-cd)pyrene	30.81	276	486251	22.842	ng	#	87
87) Benzo(b)fluoranthene	25.17	252	443577	24.142	ng	#	96
88) Benzo(k)fluoranthene	25.25	252	449227m	24.601	ng		
89) Benzo(a)pyrene	26.21	252	420809	24.079	ng	#	96
90) Dibenzo(a,h)anthracene	30.88	278	403898	22.961	ng		96
91) Benzo(g,h,i)perylene	32.18	276	394977	22.778	ng	#	95

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

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