Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036164.D
Acq On : 7 Aug 2018 16:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:28 PM

Quant Time: Aug 07 17:06:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	32129	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	123566	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	92136	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	262128	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	295466	20.00	ng		-0.02
86) Perylene-d12	24.83	264	289625	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	141578	73.16	ng		-0.01
7) Phenol-d6	7.18	99	213645	73.99	ng		-0.02
23) Nitrobenzene-d5	9.17	82	227685	76.97	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	111124	91.50	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	531374	77.27	ng		-0.02
78) Terphenyl-d14	19.98	244	1050419	78.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	34252	34.775	ng	#	71
3) Pyridine	3.91	79	88739	34.511	ng	#	77
4) n-Nitrosodimethylamine	3.83	42	36633	33.180	ng	#	78
6) Aniline	7.34	93	129233	34.532	ng		97
8) 2-Chlorophenol	7.58	128	74601	37.903	ng		93
9) Benzaldehyde	7.15	77	62902	35.506	ng		96
10) Phenol	7.21	94	110170	37.768	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	80036	35.035	ng		90
12) 1,3-Dichlorobenzene	7.90	146	91126	38.340	ng	#	95
13) 1,4-Dichlorobenzene	8.04	146	94495	39.129	ng		95
14) 1,2-Dichlorobenzene	8.37	146	91760	39.553	ng		99
15) Benzyl Alcohol	8.25	79	91996	35.087	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.54	45	70741m	36.936	ng		
17) 2-Methylphenol	8.45	107	72254	36.431	ng	#	89
18) Hexachloroethane	9.09	117	34371	37.224	ng		90
19) n-Nitroso-di-n-propylamine	8.81	70	80020	32.912	ng	#	87
20) 3+4-Methylphenols	8.78	107	99288	36.087	ng		93
22) Acetophenone	8.84	105	145389	37.837	ng	#	88
24) Nitrobenzene	9.21	77	110337	37.091	ng		91
25) Isophorone	9.73	82	192329	35.027	ng		96
26) 2-Nitrophenol	9.93	139	45874	43.421	ng	#	86
27) 2,4-Dimethylphenol	9.98	122	70324	39.324	ng		88
28) bis(2-Chloroethoxy)methane	10.22	93	109195	36.090	ng		96
29) 2,4-Dichlorophenol	10.47	162	86054	42.154	ng		90
30) 1,2,4-Trichlorobenzene	10.67	180	103276	41.257	ng		95
31) Naphthalene	10.86	128	245657	38.165	ng		98
32) Benzoic acid	10.16	122	41391m	34.381	ng		
33) 4-Chloroaniline	10.97	127	107219	38.219	ng		95
34) Hexachlorobutadiene	11.14	225	85466	43.784	ng		98
35) Caprolactam	11.75	113	32694	37.320	ng	#	63
36) 4-Chloro-3-methylphenol	12.10	107	110360	40.331	ng		96
37) 2-Methylnaphthalene	12.47	142	191845	40.006	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	138145	39.725	ng		97
40) Hexachlorocyclopentadiene	12.81	237	64070	35.131	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	86627	42.596	ng		96
43) 2,4,5-Trichlorophenol	13.15	196	93533	41.112	ng		99
45) 1,1'-Biphenyl	13.47	154	273690	38.315	ng		97
46) 2-Chloronaphthalene	13.51	162	212274	38.204	ng		97
47) 2-Nitroaniline	13.72	65	76641	39.016	ng		98
48) Acenaphthylene	14.36	152	357729	38.435	ng		99
49) Dimethylphthalate	14.09	163	310614	38.478	ng		99
50) 2,6-Dinitrotoluene	14.21	165	68387	41.602	ng		95
51) Acenaphthene	14.70	154	219899	37.927	ng		99
52) 3-Nitroaniline	14.54	138	66181	39.390	ng	#	96
53) 2,4-Dinitrophenol	14.76	184	31431	40.705	ng	#	66
54) Dibenzofuran	15.03	168	361465	39.200	ng		92
55) 4-Nitrophenol	14.86	139	52318	43.725	ng	#	81
56) 2,4-Dinitrotoluene	15.00	165	102271	43.366	ng		87
57) Fluorene	15.68	166	305086	39.476	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	92012	42.182	ng		91
59) Diethylphthalate	15.45	149	319738	38.520	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	179757	39.573	ng		96
61) 4-Nitroaniline	15.71	138	67665	38.501	ng	#	78
62) Azobenzene	15.97	77	299623	36.595	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	61109	41.879	ng		83
65) n-Nitrosodiphenylamine	15.89	169	291885	39.121	ng		96
66) 4-Bromophenyl-phenylether	16.57	248	124743	41.019	ng		97
67) Hexachlorobenzene	16.69	284	126511	40.396	ng		93
68) Atrazine	16.84	200	104606	34.052	ng		89
69) Pentachlorophenol	17.04	266	63423	33.248	ng		95
70) Phenanthrene	17.42	178	501711	38.358	ng		99
71) Anthracene	17.51	178	506219	38.869	ng		98
72) Carbazole	17.78	167	471346	38.109	ng		98
73) Di-n-butylphthalate	18.33	149	548433	37.522	ng	#	97
74) Fluoranthene	19.43	202	681668	38.691	ng		96
76) Benzidine	19.61	184	288041	37.081	ng		99
77) Pyrene	19.79	202	703679	37.665	ng		98
79) Butylbenzylphthalate	20.67	149	257836	38.592	ng	#	94
80) Benzo(a)anthracene	21.62	228	692256	37.597	ng		100
81) 3,3'-Dichlorobenzidine	21.54	252	247694	38.581	ng	#	99
82) Chrysene	21.69	228	647267	37.935	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	361537	39.804	ng	#	97
84) Di-n-octyl phthalate	22.72	149	598153	39.331	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	720595	38.146	ng	#	93
87) Benzo(b)fluoranthene	23.81	252	673462	38.258	ng	#	96
88) Benzo(k)fluoranthene	23.89	252	653372	37.965	ng	#	97
89) Benzo(a)pyrene	24.68	252	620684	37.900	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	609749	37.925	ng	#	97
91) Benzo(g,h,i)perylene	29.59	276	611988	38.899	ng	#	94

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

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