Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036824.D
Acq On : 19 Sep 2018 18:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/20/2018 11:46:40 AM

Quant Time: Sep 20 07:16:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48864	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	223083	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	150123	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	376432	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	362809	20.00	ng	0.00
86) Perylene-d12	24.88	264	383299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	248147	80.56	ng	0.00
7) Phenol-d6	7.20	99	359889	81.60	ng	-0.01
23) Nitrobenzene-d5	9.21	82	351294	85.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	154219	86.09	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	800786	76.16	ng	-0.01
78) Terphenyl-d14	20.02	244	1224006	78.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	51433	35.778	ng	99
3) Pyridine	3.93	79	151747	37.606	ng	98
4) n-Nitrosodimethylamine	3.84	42	66893	37.219	ng	99
6) Aniline	7.37	93	213620	38.159	ng	97
8) 2-Chlorophenol	7.61	128	133151	39.860	ng	99
9) Benzaldehyde	7.19	77	115016	37.871	ng	99
10) Phenol	7.23	94	187373	40.598	ng	100
11) bis(2-Chloroethyl)ether	7.47	93	139510	38.128	ng	98
12) 1,3-Dichlorobenzene	7.94	146	146938	38.522	ng	99
13) 1,4-Dichlorobenzene	8.09	146	149355	38.783	ng	97
14) 1,2-Dichlorobenzene	8.40	146	141521	38.479	ng	97
15) Benzyl Alcohol	8.29	79	138605	38.985	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	275373	37.318	ng	98
17) 2-Methylphenol	8.49	107	121735	39.723	ng	95
18) Hexachloroethane	9.13	117	53967	39.085	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	124131	37.660	ng	99
20) 3+4-Methylphenols	8.81	107	173605	40.575	ng	94
22) Acetophenone	8.87	105	212529	36.280	ng	98
24) Nitrobenzene	9.25	77	177094	39.943	ng	99
25) Isophorone	9.77	82	295767	36.211	ng	100
26) 2-Nitrophenol	9.96	139	81388	46.324	ng	99
27) 2,4-Dimethylphenol	10.02	122	122495	37.659	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	183793	36.664	ng	98
29) 2,4-Dichlorophenol	10.49	162	147177	41.286	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	160942	38.593	ng	98
31) Naphthalene	10.90	128	421860	37.829	ng	99
32) Benzoic acid	10.14	122	75691m	32.937	ng	
33) 4-Chloroaniline	11.01	127	196546	38.462	ng	98
34) Hexachlorobutadiene	11.19	225	110820	39.551	ng	99
35) Caprolactam	11.79	113	54388	38.299	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	172616	41.673	ng	98
37) 2-Methylnaphthalene	12.50	142	318636	39.050	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	203068	38.223	ng	99
40) Hexachlorocyclopentadiene	12.85	237	89603	32.416	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	130739	40.399 ng	98
43) 2,4,5-Trichlorophenol	13.18	196	138444	40.108 ng	98
45) 1,1'-Biphenyl	13.51	154	460555	36.958 ng	97
46) 2-Chloronaphthalene	13.55	162	356797	37.505 ng	99
47) 2-Nitroaniline	13.75	65	128749	43.098 ng	99
48) Acenaphthylene	14.40	152	561207	37.747 ng	99
49) Dimethylphthalate	14.13	163	462564	37.734 ng	99
50) 2,6-Dinitrotoluene	14.24	165	103990	41.226 ng	97
51) Acenaphthene	14.74	154	337276	35.421 ng	98
52) 3-Nitroaniline	14.58	138	114391	42.083 ng	98
53) 2,4-Dinitrophenol	14.78	184	17726	18.553 ng	99
54) Dibenzofuran	15.07	168	569631	38.185 ng	99
55) 4-Nitrophenol	14.88	139	76269	34.316 ng	98
56) 2,4-Dinitrotoluene	15.03	165	147345	44.820 ng	91
57) Fluorene	15.72	166	419840	37.648 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	132188	40.760 ng	97
59) Diethylphthalate	15.49	149	462818	37.463 ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	267212	38.804 ng	98
61) 4-Nitroaniline	15.74	138	113328	39.842 ng	97
62) Azobenzene	16.01	77	459031	36.519 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	57158	34.566 ng	97
65) n-Nitrosodiphenylamine	15.92	169	417820	37.355 ng	99
66) 4-Bromophenyl-phenylether	16.60	248	171161	38.836 ng	100
67) Hexachlorobenzene	16.72	284	173743	38.553 ng	99
68) Atrazine	16.87	200	132510	31.563 ng	99
69) Pentachlorophenol	17.07	266	98938m	32.303 ng	
70) Phenanthrene	17.46	178	713485	37.301 ng	98
71) Anthracene	17.55	178	704508	36.949 ng	100
72) Carbazole	17.82	167	683406	35.890 ng	99
73) Di-n-butylphthalate	18.37	149	767073	36.175 ng	100
74) Fluoranthene	19.47	202	846416	36.295 ng	99
76) Benzidine	19.64	184	346888	29.968 ng	98
77) Pyrene	19.82	202	857380	38.429 ng	100
79) Butylbenzylphthalate	20.71	149	339540	38.241 ng	99
80) Benzo(a)anthracene	21.66	228	827903	37.667 ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	323537	36.934 ng	99
82) Chrysene	21.73	228	789613	37.901 ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	472470	38.026 ng	99
84) Di-n-octyl phthalate	22.77	149	790182	38.075 ng	99
85) Indeno(1,2,3-cd)pyrene	28.53	276	886042	36.616 ng	99
87) Benzo(b)fluoranthene	23.87	252	790457	37.137 ng	99
88) Benzo(k)fluoranthene	23.94	252	796759	38.317 ng	98
89) Benzo(a)pyrene	24.74	252	770680	37.680 ng	99
90) Dibenzo(a,h)anthracene	28.60	278	737894	37.371 ng	98
91) Benzo(g,h,i)perylene	29.67	276	727388	36.658 ng	96

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

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