Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
Data File : BG036674.D
Acq On : 12 Sep 2018 15:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/13/2018 10:36:14 AM

Quant Time: Sep 12 16:41:52 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	51735	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	228778	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152175	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	392492	20.00	ng	0.00
75) Chrysene-d12	21.69	240	395150	20.00	ng	0.00
86) Perylene-d12	24.89	264	412800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	278786	85.48	ng	0.00
7) Phenol-d6	7.21	99	397691	85.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	385563	91.44	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	168189	92.63	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	882471	82.80	ng	0.00
78) Terphenyl-d14	20.03	244	1398492	82.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	61422	40.355	ng	96
3) Pyridine	3.93	79	178211	41.713	ng	99
4) n-Nitrosodimethylamine	3.84	42	78553	41.281	ng	99
6) Aniline	7.37	93	240725	40.615	ng	96
8) 2-Chlorophenol	7.61	128	143779	40.653	ng	97
9) Benzaldehyde	7.19	77	123629	38.447	ng	95
10) Phenol	7.24	94	208370	42.642	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	159804	41.250	ng	98
12) 1,3-Dichlorobenzene	7.94	146	168275	41.668	ng	99
13) 1,4-Dichlorobenzene	8.09	146	170586	41.837	ng	99
14) 1,2-Dichlorobenzene	8.41	146	161630	41.508	ng	98
15) Benzyl Alcohol	8.29	79	153679	40.826	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	298454	38.202	ng	98
17) 2-Methylphenol	8.49	107	133868	41.258	ng	98
18) Hexachloroethane	9.14	117	61252	41.900	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	132870	38.074	ng	97
20) 3+4-Methylphenols	8.82	107	189866	41.913	ng	98
22) Acetophenone	8.87	105	240775	40.078	ng	99
24) Nitrobenzene	9.26	77	199607	43.900	ng	99
25) Isophorone	9.78	82	320985	38.320	ng	97
26) 2-Nitrophenol	9.96	139	85435	47.417	ng	98
27) 2,4-Dimethylphenol	10.02	122	131568	39.441	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	202369	39.365	ng	98
29) 2,4-Dichlorophenol	10.50	162	163990	44.857	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	183776	42.971	ng	99
31) Naphthalene	10.91	128	468875	40.998	ng	98
32) Benzoic acid	10.15	122	91713m	38.103	ng	
33) 4-Chloroaniline	11.01	127	221017	42.174	ng	100
34) Hexachlorobutadiene	11.19	225	128721	44.797	ng	97
35) Caprolactam	11.79	113	58711	40.314	ng	92
36) 4-Chloro-3-methylphenol	12.13	107	183445	43.185	ng	99
37) 2-Methylnaphthalene	12.51	142	352372	42.109	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	227551	42.254	ng	99
40) Hexachlorocyclopentadiene	12.85	237	109916	39.228	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	144056	43.913 ng	99
43) 2,4,5-Trichlorophenol	13.18	196	154420	44.133 ng	98
45) 1,1'-Biphenyl	13.51	154	508191	40.231 ng	97
46) 2-Chloronaphthalene	13.55	162	401922	41.679 ng	100
47) 2-Nitroaniline	13.75	65	138252	45.655 ng	98
48) Acenaphthylene	14.40	152	617430	40.968 ng	98
49) Dimethylphthalate	14.13	163	508751	40.943 ng	99
50) 2,6-Dinitrotoluene	14.25	165	114043	44.602 ng	95
51) Acenaphthene	14.74	154	400106	41.453 ng	99
52) 3-Nitroaniline	14.58	138	124213	45.080 ng	99
53) 2,4-Dinitrophenol	14.78	184	41255	42.597 ng	89
54) Dibenzofuran	15.08	168	631816	41.783 ng	99
55) 4-Nitrophenol	14.88	139	93200	41.369 ng	100
56) 2,4-Dinitrotoluene	15.03	165	161304	48.404 ng	89
57) Fluorene	15.72	166	468300	41.427 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	147987	45.016 ng	96
59) Diethylphthalate	15.49	149	504478	40.285 ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	302932	43.398 ng	98
61) 4-Nitroaniline	15.74	138	129982	45.080 ng	96
62) Azobenzene	16.01	77	504737	39.614 ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	73834	42.824 ng	97
65) n-Nitrosodiphenylamine	15.93	169	465454	39.911 ng	99
66) 4-Bromophenyl-phenylether	16.61	248	193925	42.201 ng	99
67) Hexachlorobenzene	16.73	284	204494	43.520 ng	97
68) Atrazine	16.87	200	150990	34.493 ng	98
69) Pentachlorophenol	17.07	266	128047	40.096 ng	98
70) Phenanthrene	17.46	178	817373	40.984 ng	99
71) Anthracene	17.55	178	802712	40.377 ng	99
72) Carbazole	17.82	167	783698	39.473 ng	99
73) Di-n-butylphthalate	18.38	149	871570	39.422 ng	99
74) Fluoranthene	19.47	202	986171	40.557 ng	99
76) Benzidine	19.65	184	425803m	33.775 ng	
77) Pyrene	19.83	202	998781	41.103 ng	99
79) Butylbenzylphthalate	20.72	149	394843	40.830 ng	92
80) Benzo(a)anthracene	21.67	228	965433	40.329 ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	370131	38.795 ng	98
82) Chrysene	21.73	228	928324	40.912 ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	541867	40.042 ng	99
84) Di-n-octyl phthalate	22.78	149	900134	39.823 ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	974816	36.988 ng	97
87) Benzo(b)fluoranthene	23.88	252	943153	41.145 ng	98
88) Benzo(k)fluoranthene	23.95	252	936259	41.807 ng	99
89) Benzo(a)pyrene	24.75	252	907118	41.182 ng	99
90) Dibenzo(a,h)anthracene	28.61	278	754531	35.482 ng	98
91) Benzo(g,h,i)perylene	29.68	276	808748	37.846 ng	98

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

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