Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036443.D
Acq On : 27 Aug 2018 23:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/28/2018 11:19:51 AM

Quant Time: Aug 28 03:43:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65416	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	286524	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	179662	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	457776	20.00	ng		0.00
75) Chrysene-d12	21.70	240	472163	20.00	ng		0.00
86) Perylene-d12	24.92	264	503986	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	315041	76.40	ng		0.00
7) Phenol-d6	7.22	99	446151	75.56	ng		0.00
23) Nitrobenzene-d5	9.23	82	430276	81.48	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	181934	84.87	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	989542	78.64	ng		0.00
78) Terphenyl-d14	20.04	244	1564167	77.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	70991	36.887	ng		98
3) Pyridine	3.94	79	209032	38.695	ng		95
4) n-Nitrosodimethylamine	3.85	42	84369	35.065	ng		94
6) Aniline	7.39	93	272249	36.327	ng		99
8) 2-Chlorophenol	7.63	128	167411	37.435	ng		95
9) Benzaldehyde	7.20	77	144385	35.512	ng		99
10) Phenol	7.24	94	232131	37.569	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	178143	36.367	ng		99
12) 1,3-Dichlorobenzene	7.95	146	188390	36.893	ng		96
13) 1,4-Dichlorobenzene	8.10	146	194118	37.652	ng		98
14) 1,2-Dichlorobenzene	8.42	146	180588	36.678	ng		99
15) Benzyl Alcohol	8.30	79	175541	36.881	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	333913	33.802	ng		99
17) 2-Methylphenol	8.50	107	151751	36.988	ng		98
18) Hexachloroethane	9.15	117	69601	37.654	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	156056	35.366	ng		92
20) 3+4-Methylphenols	8.83	107	215696	37.657	ng		98
22) Acetophenone	8.89	105	272969	36.280	ng		98
24) Nitrobenzene	9.27	77	217647	38.220	ng		96
25) Isophorone	9.79	82	374524	35.700	ng		98
26) 2-Nitrophenol	9.98	139	92230	40.872	ng		95
27) 2,4-Dimethylphenol	10.03	122	149109	35.691	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	234118	36.362	ng		99
29) 2,4-Dichlorophenol	10.51	162	180873	39.504	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	202012	37.715	ng		100
31) Naphthalene	10.92	128	528122	36.872	ng		98
32) Benzoic acid	10.16	122	113184	37.611	ng		96
33) 4-Chloroaniline	11.03	127	247024	37.636	ng		98
34) Hexachlorobutadiene	11.21	225	140204	38.959	ng		97
35) Caprolactam	11.80	113	68358	37.478	ng	#	88
36) 4-Chloro-3-methylphenol	12.14	107	201995	37.968	ng		99
37) 2-Methylnaphthalene	12.53	142	390233	37.235	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	245540	38.619	ng		99
40) Hexachlorocyclopentadiene	12.87	237	129973	39.289	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	156221	40.336 ng	98
43) 2,4,5-Trichlorophenol	13.19	196	168319	40.746 ng	98
45) 1,1'-Biphenyl	13.52	154	554786	37.201 ng	96
46) 2-Chloronaphthalene	13.57	162	427772	37.573 ng	100
47) 2-Nitroaniline	13.77	65	142662	39.904 ng	97
48) Acenaphthylene	14.41	152	660903	37.144 ng	99
49) Dimethylphthalate	14.14	163	545833	37.206 ng	99
50) 2,6-Dinitrotoluene	14.26	165	120618	39.956 ng	93
51) Acenaphthene	14.75	154	429907	37.726 ng	100
52) 3-Nitroaniline	14.59	138	134847	41.452 ng	98
53) 2,4-Dinitrophenol	14.79	184	52918	46.280 ng	98
54) Dibenzofuran	15.09	168	666055	37.308 ng	99
55) 4-Nitrophenol	14.88	139	107659	40.476 ng	94
56) 2,4-Dinitrotoluene	15.05	165	168175	42.745 ng	89
57) Fluorene	15.73	166	497231	37.256 ng	95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	161920m	41.719 ng	
59) Diethylphthalate	15.50	149	551976	37.334 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	313133	37.996 ng	99
61) 4-Nitroaniline	15.75	138	140169	41.176 ng	97
62) Azobenzene	16.02	77	537212	35.712 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	85395	42.466 ng	99
65) n-Nitrosodiphenylamine	15.95	169	496605	36.509 ng	97
66) 4-Bromophenyl-phenylether	16.62	248	203807	38.026 ng	100
67) Hexachlorobenzene	16.74	284	207942	37.943 ng	98
68) Atrazine	16.89	200	184779	36.192 ng	99
69) Pentachlorophenol	17.08	266	153376	41.178 ng	96
70) Phenanthrene	17.47	178	858580	36.911 ng	99
71) Anthracene	17.57	178	855890	36.912 ng	99
72) Carbazole	17.83	167	858303	37.065 ng	99
73) Di-n-butylphthalate	18.40	149	940626	36.478 ng	100
74) Fluoranthene	19.48	202	1065273	37.563 ng	100
76) Benzidine	19.65	184	510402	33.882 ng	99
77) Pyrene	19.84	202	1075932	37.056 ng	99
79) Butylbenzylphthalate	20.73	149	436805	37.802 ng	96
80) Benzo(a)anthracene	21.68	228	1048904	36.669 ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	432852	37.969 ng	99
82) Chrysene	21.75	228	1003566	37.014 ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	598912	37.039 ng	99
84) Di-n-octyl phthalate	22.81	149	1021177	37.809 ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1212216	38.493 ng	99
87) Benzo(b)fluoranthene	23.89	252	1038760	37.117 ng	98
88) Benzo(k)fluoranthene	23.97	252	1029051	37.637 ng	99
89) Benzo(a)pyrene	24.76	252	1010288	37.567 ng	100
90) Dibenzo(a,h)anthracene	28.65	278	985541	37.960 ng	98
91) Benzo(g,h,i)perylene	29.72	276	993555	38.082 ng	97

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

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