Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036863.D
Acq On : 21 Sep 2018 18:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/24/2018 9:29:45 AM

Quant Time: Sep 24 04:42:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39465	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	184010	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	119190	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	303293	20.00	ng	0.00
75) Chrysene-d12	21.69	240	317212	20.00	ng	0.00
86) Perylene-d12	24.90	264	340035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	176706	85.87	ng	0.00
7) Phenol-d6	7.21	99	259144	81.39	ng	0.00
23) Nitrobenzene-d5	9.21	82	271899	79.13	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	114007	79.95	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	646229	80.75	ng	0.00
78) Terphenyl-d14	20.03	244	890395	73.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	42325	44.948	ng	99
3) Pyridine	3.93	79	116504	42.850	ng	99
4) n-Nitrosodimethylamine	3.84	42	51470	42.593	ng	99
6) Aniline	7.38	93	159557	38.622	ng	98
8) 2-Chlorophenol	7.61	128	97524	40.815	ng	94
9) Benzaldehyde	7.19	77	81005	38.504	ng	95
10) Phenol	7.24	94	133141	40.519	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	113687	37.403	ng	100
12) 1,3-Dichlorobenzene	7.94	146	116275	39.693	ng	99
13) 1,4-Dichlorobenzene	8.09	146	120026	40.038	ng	98
14) 1,2-Dichlorobenzene	8.40	146	114850	39.534	ng	97
15) Benzyl Alcohol	8.29	79	94769	36.684	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	225806	38.696	ng	97
17) 2-Methylphenol	8.49	107	86514	37.798	ng	97
18) Hexachloroethane	9.13	117	45428	41.179	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	100025	37.765	ng	93
20) 3+4-Methylphenols	8.82	107	127175	39.940	ng	95
22) Acetophenone	8.87	105	165765	38.334	ng	96
24) Nitrobenzene	9.26	77	142098	38.724	ng	96
25) Isophorone	9.77	82	243351	38.759	ng	97
26) 2-Nitrophenol	9.97	139	59187	40.466	ng	93
27) 2,4-Dimethylphenol	10.02	122	87003	38.187	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	150724	38.904	ng	98
29) 2,4-Dichlorophenol	10.50	162	108686	41.151	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	129150	39.074	ng	98
31) Naphthalene	10.90	128	338880	38.706	ng	98
32) Benzoic acid	10.16	122	55083m	33.549	ng	
33) 4-Chloroaniline	11.01	127	147542	37.063	ng	95
34) Hexachlorobutadiene	11.18	225	92924	40.654	ng	97
35) Caprolactam	11.78	113	40637	37.383	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	125369	39.782	ng	98
37) 2-Methylnaphthalene	12.51	142	251348	37.693	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	168961	40.644	ng	99
40) Hexachlorocyclopentadiene	12.85	237	88802	41.535	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	97461	42.219	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	102984	41.837	ng		97
45) 1,1'-Biphenyl	13.51	154	364808	39.965	ng		98
46) 2-Chloronaphthalene	13.55	162	288386	40.173	ng		99
47) 2-Nitroaniline	13.76	65	97999	39.469	ng		98
48) Acenaphthylene	14.40	152	445325	39.588	ng		100
49) Dimethylphthalate	14.13	163	367678	38.324	ng		100
50) 2,6-Dinitrotoluene	14.24	165	83343	39.815	ng		98
51) Acenaphthene	14.74	154	266536	39.205	ng		99
52) 3-Nitroaniline	14.58	138	85750	38.876	ng		100
53) 2,4-Dinitrophenol	14.79	184	32851	37.935	ng		95
54) Dibenzofuran	15.07	168	452068	39.311	ng		99
55) 4-Nitrophenol	14.88	139	54684	38.807	ng		98
56) 2,4-Dinitrotoluene	15.04	165	115903	39.681	ng		89
57) Fluorene	15.72	166	336595	39.161	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	101860	40.792	ng		96
59) Diethylphthalate	15.49	149	371567	38.399	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	213627	39.246	ng		97
61) 4-Nitroaniline	15.74	138	89796	38.703	ng		98
62) Azobenzene	16.01	77	364515	39.205	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	65049	41.023	ng		99
65) n-Nitrosodiphenylamine	15.93	169	331484	39.589	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	134324	38.937	ng		99
67) Hexachlorobenzene	16.72	284	140485	39.539	ng		97
68) Atrazine	16.87	200	132176	38.986	ng		98
69) Pentachlorophenol	17.07	266	89206	39.877	ng		98
70) Phenanthrene	17.46	178	574240	39.290	ng		99
71) Anthracene	17.55	178	572260	39.597	ng		98
72) Carbazole	17.82	167	564464	40.059	ng		98
73) Di-n-butylphthalate	18.38	149	623644	39.854	ng		99
74) Fluoranthene	19.47	202	696968	39.616	ng		99
76) Benzidine	19.65	184	411134	42.875	ng		99
77) Pyrene	19.83	202	715002	37.562	ng		99
79) Butylbenzylphthalate	20.71	149	288717	38.052	ng		95
80) Benzo(a)anthracene	21.67	228	717136	38.728	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	278961	39.578	ng		97
82) Chrysene	21.74	228	679730	37.992	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	398740	37.619	ng		99
84) Di-n-octyl phthalate	22.78	149	674133	38.629	ng		97
85) Indeno(1,2,3-cd)pyrene	28.55	276	786787	40.952	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	707643	39.050	ng		99
88) Benzo(k)fluoranthene	23.95	252	679955	37.400	ng		99
89) Benzo(a)pyrene	24.75	252	669957	38.241	ng		98
90) Dibenzo(a,h)anthracene	28.61	278	639260	38.934	ng		96
91) Benzo(g,h,i)perylene	29.70	276	642469	38.988	ng		97

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

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