Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033691.D
Acq On : 9 Apr 2018 22:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:42 PM

Quant Time: Apr 10 07:24:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	43600	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	183977	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	138107	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	341903	20.00	ng		0.00
75) Chrysene-d12	22.55	240	346226	20.00	ng		0.00
86) Perylene-d12	26.31	264	372848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	199600	85.84	ng		0.00
7) Phenol-d6	7.97	99	329736	82.53	ng		0.00
23) Nitrobenzene-d5	10.06	82	332474	83.03	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	145814	70.59	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	727985	76.10	ng		0.00
78) Terphenyl-d14	20.73	244	1217714	75.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	51815	43.881	ng		91
3) Pyridine	4.39	79	140417	43.017	ng		96
4) n-Nitrosodimethylamine	4.30	42	57452	42.889	ng	#	78
6) Aniline	8.15	93	194790	41.460	ng	#	93
8) 2-Chlorophenol	8.41	128	109133	41.055	ng		98
9) Benzaldehyde	7.96	77	83653m	32.948	ng		
10) Phenol	8.00	94	162381	41.167	ng		92
11) bis(2-Chloroethyl)ether	8.24	93	121607	37.771	ng		98
12) 1,3-Dichlorobenzene	8.75	146	139271	40.075	ng		97
13) 1,4-Dichlorobenzene	8.90	146	130038	37.362	ng		93
14) 1,2-Dichlorobenzene	9.23	146	128517	37.833	ng		96
15) Benzyl Alcohol	9.09	79	129811	41.269	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	224567	42.786	ng		89
17) 2-Methylphenol	9.29	107	110246m	41.028	ng		
18) Hexachloroethane	9.97	117	54270	40.401	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	117933	40.285	ng		95
20) 3+4-Methylphenols	9.63	107	153424	40.102	ng		88
22) Acetophenone	9.70	105	207174	41.103	ng	#	97
24) Nitrobenzene	10.10	77	169732	39.600	ng	#	89
25) Isophorone	10.62	82	312773	40.244	ng		98
26) 2-Nitrophenol	10.83	139	66599	41.042	ng	#	92
27) 2,4-Dimethylphenol	10.86	122	97304	41.277	ng		91
28) bis(2-Chloroethoxy)methane	11.10	93	158642	40.911	ng		98
29) 2,4-Dichlorophenol	11.37	162	117999	40.703	ng		96
30) 1,2,4-Trichlorobenzene	11.59	180	144194	38.283	ng		94
31) Naphthalene	11.79	128	374542	39.286	ng		97
32) Benzoic acid	11.01	122	76933m	35.107	ng		
33) 4-Chloroaniline	11.89	127	162030	37.934	ng	#	91
34) Hexachlorobutadiene	12.05	225	107994	37.915	ng		94
35) Caprolactam	12.64	113	47733	42.028	ng	#	88
36) 4-Chloro-3-methylphenol	12.95	107	151438	40.051	ng		91
37) 2-Methylnaphthalene	13.34	142	278737	37.668	ng		88
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	181779	36.337	ng		99
40) Hexachlorocyclopentadiene	13.67	237	86295	29.426	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	109605	37.710	ng		97
43) 2,4,5-Trichlorophenol	14.00	196	131757	38.352	ng		96
45) 1,1'-Biphenyl	14.32	154	407809	38.435	ng		95
46) 2-Chloronaphthalene	14.37	162	314768	38.475	ng		94
47) 2-Nitroaniline	14.56	65	129182	42.157	ng		94
48) Acenaphthylene	15.21	152	531861	38.947	ng		100
49) Dimethylphthalate	14.90	163	458079	38.113	ng		100
50) 2,6-Dinitrotoluene	15.03	165	95760	38.965	ng		96
51) Acenaphthene	15.54	154	338304	38.430	ng		99
52) 3-Nitroaniline	15.37	138	101211	39.282	ng	#	93
53) 2,4-Dinitrophenol	15.58	184	24032	24.722	ng		88
54) Dibenzofuran	15.87	168	488472	37.565	ng		92
55) 4-Nitrophenol	15.66	139	68210	37.649	ng		86
56) 2,4-Dinitrotoluene	15.81	165	141000	38.966	ng		96
57) Fluorene	16.51	166	422826	38.168	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	109968	34.001	ng		95
59) Diethylphthalate	16.24	149	465857	39.916	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	232223	36.467	ng		96
61) 4-Nitroaniline	16.53	138	104234	39.950	ng	#	71
62) Azobenzene	16.78	77	451780	39.961	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	72092	35.247	ng		92
65) n-Nitrosodiphenylamine	16.70	169	385306	39.475	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	151666	37.772	ng		95
67) Hexachlorobenzene	17.51	284	159757	37.699	ng		97
68) Atrazine	17.62	200	158322	40.028	ng		97
69) Pentachlorophenol	17.85	266	93677	32.208	ng		97
70) Phenanthrene	18.25	178	694701	39.014	ng		98
71) Anthracene	18.34	178	719069	39.883	ng		99
72) Carbazole	18.60	167	658107	41.192	ng	#	96
73) Di-n-butylphthalate	19.09	149	794106	42.703	ng	#	98
74) Fluoranthene	20.20	202	871066	39.531	ng		98
76) Benzidine	20.36	184	398499	42.443	ng		98
77) Pyrene	20.56	202	898459	38.909	ng		100
79) Butylbenzylphthalate	21.41	149	365048	42.840	ng		96
80) Benzo(a)anthracene	22.53	228	856210	38.837	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	320746	40.885	ng		99
82) Chrysene	22.61	228	828127	38.805	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	510366	43.448	ng		98
84) Di-n-octyl phthalate	23.74	149	810830	45.083	ng		99
85) Indeno(1,2,3-cd)pyrene	30.69	276	956755	41.466	ng	#	90
87) Benzo(b)fluoranthene	25.10	252	813166	37.749	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	844166	38.747	ng		98
89) Benzo(a)pyrene	26.14	252	808904	39.103	ng	#	95
90) Dibenzo(a,h)anthracene	30.76	278	788209	40.450	ng		97
91) Benzo(g,h,i)perylene	32.05	276	777657	40.302	ng	#	96

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

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