Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035296.D
Acq On : 21 Jun 2018 12:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/22/2018 3:49:10 PM

Quant Time: Jun 22 15:03:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52366	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	203799	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	139994	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	364271	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	384917	20.00	ng		-0.02
86) Perylene-d12	24.92	264	384180	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	231370	74.56	ng		-0.01
7) Phenol-d6	7.21	99	343710	75.05	ng		-0.01
23) Nitrobenzene-d5	9.22	82	350941	81.85	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	155436	86.73	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	820160	76.16	ng		-0.02
78) Terphenyl-d14	20.03	244	1325241	72.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	54846	37.046	ng	#	69
3) Pyridine	3.95	79	152687	38.223	ng	#	68
4) n-Nitrosodimethylamine	3.86	42	57793	33.677	ng	#	80
6) Aniline	7.39	93	213643	36.089	ng		96
8) 2-Chlorophenol	7.62	128	118807	36.527	ng		94
9) Benzaldehyde	7.20	77	120323m	34.108	ng		
10) Phenol	7.24	94	174244	36.764	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	130797	35.555	ng		88
12) 1,3-Dichlorobenzene	7.95	146	143384	36.947	ng		97
13) 1,4-Dichlorobenzene	8.09	146	143000	35.695	ng		99
14) 1,2-Dichlorobenzene	8.41	146	140222	37.263	ng		97
15) Benzyl Alcohol	8.29	79	148434	34.205	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	97006	26.494	ng		73
17) 2-Methylphenol	8.49	107	116918	37.417	ng		94
18) Hexachloroethane	9.14	117	51209	35.705	ng		88
19) n-Nitroso-di-n-propylamine	8.86	70	128524	33.032	ng	#	84
20) 3+4-Methylphenols	8.82	107	161093	35.967	ng		92
22) Acetophenone	8.87	105	230389	36.494	ng	#	92
24) Nitrobenzene	9.26	77	172786	39.356	ng		95
25) Isophorone	9.78	82	315968	34.906	ng		99
26) 2-Nitrophenol	9.97	139	67953	44.903	ng	#	91
27) 2,4-Dimethylphenol	10.03	122	114914	36.126	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	181740	37.361	ng		97
29) 2,4-Dichlorophenol	10.51	162	138036	39.882	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	164037	39.525	ng		98
31) Naphthalene	10.91	128	401173	37.892	ng		97
32) Benzoic acid	10.15	122	85552	40.154	ng		89
33) 4-Chloroaniline	11.02	127	173228	37.683	ng		96
34) Hexachlorobutadiene	11.19	225	127572	39.524	ng		95
35) Caprolactam	11.79	113	49370	38.596	ng	#	66
36) 4-Chloro-3-methylphenol	12.13	107	166421	38.573	ng		97
37) 2-Methylnaphthalene	12.51	142	302411	37.675	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	215801	41.385	ng		99
40) Hexachlorocyclopentadiene	12.86	237	121631	37.196	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	130572	41.819	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	147679	43.093	ng		98
45) 1,1'-Biphenyl	13.51	154	425457	37.795	ng		98
46) 2-Chloronaphthalene	13.56	162	323869	38.053	ng		97
47) 2-Nitroaniline	13.76	65	104897	41.738	ng	#	88
48) Acenaphthylene	14.40	152	536813	37.615	ng		97
49) Dimethylphthalate	14.13	163	450135	36.872	ng		99
50) 2,6-Dinitrotoluene	14.25	165	97439	43.751	ng		96
51) Acenaphthene	14.74	154	358110	38.406	ng		95
52) 3-Nitroaniline	14.58	138	93791	42.917	ng	#	95
53) 2,4-Dinitrophenol	14.78	184	38426	42.632	ng	#	61
54) Dibenzofuran	15.08	168	526562	37.706	ng		94
55) 4-Nitrophenol	14.88	139	69807	37.848	ng		90
56) 2,4-Dinitrotoluene	15.04	165	135131	45.675	ng	#	85
57) Fluorene	15.72	166	439261	37.637	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	138272	41.533	ng	#	92
59) Diethylphthalate	15.49	149	446796	35.872	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	260504	39.143	ng		95
61) 4-Nitroaniline	15.74	138	95701	40.833	ng	#	83
62) Azobenzene	16.01	77	412568	33.802	ng		93
64) 4,6-Dinitro-2-methylphenol	15.80	198	75551	45.426	ng	#	81
65) n-Nitrosodiphenylamine	15.93	169	402364	36.781	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	171947	39.197	ng		94
67) Hexachlorobenzene	16.73	284	175782	39.370	ng		95
68) Atrazine	16.87	200	161292	34.574	ng		98
69) Pentachlorophenol	17.07	266	118921	39.609	ng		97
70) Phenanthrene	17.46	178	675459	36.503	ng		98
71) Anthracene	17.56	178	678329	36.596	ng		98
72) Carbazole	17.82	167	622401	36.191	ng		98
73) Di-n-butylphthalate	18.38	149	722814	35.262	ng	#	98
74) Fluoranthene	19.47	202	883657	36.699	ng		96
76) Benzidine	19.65	184	281961	19.690	ng		98
77) Pyrene	19.83	202	899669	35.454	ng		97
79) Butylbenzylphthalate	20.72	149	316658	34.366	ng	#	94
80) Benzo(a)anthracene	21.67	228	893286	36.316	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	326430	35.274	ng	#	98
82) Chrysene	21.74	228	825563	36.658	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	444470	34.138	ng		98
84) Di-n-octyl phthalate	22.79	149	748817	33.524	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	978723	37.106	ng	#	89
87) Benzo(b)fluoranthene	23.89	252	879644	37.181	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	862028	37.247	ng	#	98
89) Benzo(a)pyrene	24.76	252	824260	37.025	ng	#	96
90) Dibenzo(a,h)anthracene	28.65	278	814498	37.062	ng	#	96
91) Benzo(g,h,i)perylene	29.74	276	804795	37.420	ng	#	92

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

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