Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035465.D
Acq On : 28 Jun 2018 4:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/28/2018 2:50:15 PM

Quant Time: Jun 28 05:55:31 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	8.05	152	58036	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	240433	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	170091	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	458630	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	472754	20.00	ng		-0.03
86) Perylene-d12	24.90	264	477894	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	272677	79.29	ng		-0.02
7) Phenol-d6	7.21	99	410944	80.96	ng		0.00
23) Nitrobenzene-d5	9.21	82	425382	84.10	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	202733	93.11	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	989080	75.59	ng		-0.03
78) Terphenyl-d14	20.02	244	1657591	73.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	60111	36.635	ng	#	69
3) Pyridine	3.94	79	168948	38.162	ng	#	72
4) n-Nitrosodimethylamine	3.86	42	66834	35.140	ng	#	74
6) Aniline	7.38	93	251031	38.262	ng		96
8) 2-Chlorophenol	7.62	128	142580	39.553	ng		93
9) Benzaldehyde	7.19	77	132784	33.963	ng		97
10) Phenol	7.24	94	207193	39.445	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	151114	37.065	ng		91
12) 1,3-Dichlorobenzene	7.94	146	165794	38.548	ng		98
13) 1,4-Dichlorobenzene	8.09	146	170899	38.492	ng		95
14) 1,2-Dichlorobenzene	8.41	146	163643	39.239	ng		98
15) Benzyl Alcohol	8.29	79	178296	37.072	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	138164m	34.049	ng		
17) 2-Methylphenol	8.49	107	139615	40.315	ng		94
18) Hexachloroethane	9.14	117	61588	38.746	ng	#	84
19) n-Nitroso-di-n-propylamine	8.85	70	154745	35.885	ng	#	85
20) 3+4-Methylphenols	8.82	107	200339	40.359	ng		90
22) Acetophenone	8.87	105	269927	36.242	ng		93
24) Nitrobenzene	9.26	77	213268	41.175	ng		96
25) Isophorone	9.78	82	376102	35.218	ng		100
26) 2-Nitrophenol	9.96	139	86587	48.499	ng	#	92
27) 2,4-Dimethylphenol	10.02	122	137947	36.760	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	215090	37.480	ng		96
29) 2,4-Dichlorophenol	10.50	162	170696	41.804	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	196327	40.097	ng		99
31) Naphthalene	10.90	128	478989	38.349	ng		98
32) Benzoic acid	10.17	122	92004	36.603	ng		95
33) 4-Chloroaniline	11.02	127	213707	39.405	ng		98
34) Hexachlorobutadiene	11.19	225	149375	39.228	ng		94
35) Caprolactam	11.80	113	61668	40.865	ng	#	66
36) 4-Chloro-3-methylphenol	12.13	107	211727	41.597	ng		94
37) 2-Methylnaphthalene	12.51	142	366989	38.754	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	262731	41.470	ng		98
40) Hexachlorocyclopentadiene	12.85	237	134952	33.968	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	166974	44.015	ng		95
43) 2,4,5-Trichlorophenol	13.18	196	180099	43.254	ng		96
45) 1,1'-Biphenyl	13.51	154	531980	38.896	ng		99
46) 2-Chloronaphthalene	13.55	162	402082	38.884	ng		98
47) 2-Nitroaniline	13.75	65	137236	44.944	ng	#	85
48) Acenaphthylene	14.40	152	678198	39.114	ng		98
49) Dimethylphthalate	14.13	163	577213	38.916	ng		99
50) 2,6-Dinitrotoluene	14.25	165	121617	44.945	ng		94
51) Acenaphthene	14.74	154	440938	38.921	ng		99
52) 3-Nitroaniline	14.58	138	123064	46.348	ng	#	95
53) 2,4-Dinitrophenol	14.78	184	30303	27.671	ng	#	61
54) Dibenzofuran	15.07	168	673161	39.674	ng		96
55) 4-Nitrophenol	14.89	139	83144	37.103	ng	#	82
56) 2,4-Dinitrotoluene	15.03	165	180507	50.217	ng	#	86
57) Fluorene	15.72	166	559086	39.427	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	173316	42.848	ng	#	92
59) Diethylphthalate	15.49	149	571442	37.762	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	333045	41.189	ng		97
61) 4-Nitroaniline	15.74	138	125005	43.899	ng	#	80
62) Azobenzene	16.00	77	544079	36.690	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	82307	39.307	ng		86
65) n-Nitrosodiphenylamine	15.93	169	517740	37.591	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	224028	40.563	ng		96
67) Hexachlorobenzene	16.73	284	226671	40.322	ng		94
68) Atrazine	16.87	200	221855	37.772	ng		96
69) Pentachlorophenol	17.07	266	133703	35.371	ng		96
70) Phenanthrene	17.46	178	875512	37.580	ng		97
71) Anthracene	17.55	178	871927	37.363	ng		97
72) Carbazole	17.82	167	787146	36.353	ng		97
73) Di-n-butylphthalate	18.37	149	930831	36.068	ng	#	98
74) Fluoranthene	19.46	202	1131026	37.308	ng		96
76) Benzidine	19.65	184	598351	34.020	ng		98
77) Pyrene	19.83	202	1146359	36.782	ng		98
79) Butylbenzylphthalate	20.71	149	421902	37.281	ng	#	95
80) Benzo(a)anthracene	21.67	228	1148996	38.033	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	422519	37.174	ng	#	97
82) Chrysene	21.73	228	1052728	38.060	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	576095	36.026	ng	#	98
84) Di-n-octyl phthalate	22.78	149	973479	35.484	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1237654	38.205	ng	#	74
87) Benzo(b)fluoranthene	23.88	252	1107874	37.645	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1076903	37.407	ng	#	94
89) Benzo(a)pyrene	24.75	252	1054972	38.096	ng	#	95
90) Dibenzo(a,h)anthracene	28.63	278	1030029	37.678	ng	#	97
91) Benzo(g,h,i)perylene	29.72	276	989691	36.993	ng	#	92

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

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