Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027742.D
Acq On : 29 Jun 2017 15:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/30/2017 2:50:36 PM

Quant Time: Jun 30 05:00:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	40352	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	206804	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	122892	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	261805	20.00	ng		0.00
75) Chrysene-d12	22.17	240	280748	20.00	ng		0.00
86) Perylene-d12	25.79	264	269699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	217807	83.12	ng		0.00
7) Phenol-d6	7.61	99	334310	83.51	ng		0.00
23) Nitrobenzene-d5	9.64	82	313021	84.37	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	139999	83.06	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	774039	89.95	ng		0.00
78) Terphenyl-d14	20.39	244	1065239	88.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	37409	38.34	ng		93
3) Pyridine	4.44	79	121319	40.38	ng		92
4) n-Nitrosodimethylamine	4.34	42	60235	40.89	ng		83
6) Aniline	7.80	93	192016	41.38	ng		98
8) 2-Chlorophenol	8.04	128	122513	41.84	ng		90
9) Benzaldehyde	7.62	77	94257	39.57	ng		85
10) Phenol	7.64	94	165734	41.85	ng		80
11) bis(2-Chloroethyl)ether	7.88	93	125894	41.85	ng		97
12) 1,3-Dichlorobenzene	8.37	146	130093	41.77	ng	#	91
13) 1,4-Dichlorobenzene	8.51	146	133961	41.51	ng		97
14) 1,2-Dichlorobenzene	8.84	146	132837	42.45	ng		91
15) Benzyl Alcohol	8.71	79	100335	36.23	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.98	45	275431	42.92	ng		98
17) 2-Methylphenol	8.89	107	119755	42.74	ng	#	86
18) Hexachloroethane	9.56	117	47777	42.09	ng	#	78
19) n-Nitroso-di-n-propylamine	9.27	70	118983	40.85	ng		93
20) 3+4-Methylphenols	9.22	107	168912	41.80	ng		89
22) Acetophenone	9.29	105	206023	41.28	ng	#	89
24) Nitrobenzene	9.69	77	163238	42.08	ng	#	84
25) Isophorone	10.20	82	322337	39.86	ng	#	96
26) 2-Nitrophenol	10.40	139	74170	42.33	ng	#	80
27) 2,4-Dimethylphenol	10.43	122	138027	42.06	ng		89
28) bis(2-Chloroethoxy)methane	10.67	93	187116	40.81	ng		96
29) 2,4-Dichlorophenol	10.93	162	122990	42.77	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	124355	42.40	ng		97
31) Naphthalene	11.34	128	457640	41.61	ng		99
32) Benzoic acid	10.56	122	67959	36.49	ng	#	82
33) 4-Chloroaniline	11.44	127	192919	40.60	ng	#	89
34) Hexachlorobutadiene	11.61	225	72446	44.33	ng		98
35) Caprolactam	12.22	113	48961	33.85	ng		94
36) 4-Chloro-3-methylphenol	12.53	107	163170	40.32	ng		89
37) 2-Methylnaphthalene	12.91	142	340276m	41.54	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	150666	46.66	ng		97
40) Hexachlorocyclopentadiene	13.25	237	74402	48.87	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	103426	44.34	ng		94
43) 2,4,5-Trichlorophenol	13.58	196	117687	44.53	ng		92
45) 1,1'-Biphenyl	13.90	154	436608	44.33	ng		99
46) 2-Chloronaphthalene	13.95	162	326366	43.86	ng		99
47) 2-Nitroaniline	14.15	65	124966	41.96	ng	#	87
48) Acenaphthylene	14.79	152	580842	42.72	ng		97
49) Dimethylphthalate	14.50	163	418138	39.89	ng		97
50) 2,6-Dinitrotoluene	14.63	165	94006	41.25	ng		83
51) Acenaphthene	15.13	154	371804	42.66	ng		95
52) 3-Nitroaniline	14.97	138	101752	37.95	ng	#	75
53) 2,4-Dinitrophenol	15.16	184	42080	38.61	ng		91
54) Dibenzofuran	15.46	168	475338	41.25	ng		99
55) 4-Nitrophenol	15.25	139	74808	36.55	ng	#	60
56) 2,4-Dinitrotoluene	15.41	165	126776	39.88	ng	#	90
57) Fluorene	16.11	166	455580	40.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	89921m	39.47	ng		
59) Diethylphthalate	15.85	149	439438	37.86	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	208096	42.07	ng		95
61) 4-Nitroaniline	16.13	138	106947	38.29	ng	#	66
62) Azobenzene	16.38	77	402222	39.43	ng		93
64) 4,6-Dinitro-2-methylphenol	16.17	198	67536	42.18	ng		76
65) n-Nitrosodiphenylamine	16.30	169	378233	44.41	ng		98
66) 4-Bromophenyl-phenylether	16.99	248	122591	44.77	ng	#	87
67) Hexachlorobenzene	17.11	284	130089	44.86	ng		96
68) Atrazine	17.24	200	110663	41.16	ng		93
69) Pentachlorophenol	17.46	266	68925	40.53	ng		94
70) Phenanthrene	17.85	178	641765	42.46	ng		94
71) Anthracene	17.95	178	650488	42.62	ng		97
72) Carbazole	18.21	167	644568	42.88	ng		95
73) Di-n-butylphthalate	18.74	149	712876	43.16	ng	#	94
74) Fluoranthene	19.85	202	725251	43.91	ng		92
76) Benzidine	20.02	184	195005	30.44	ng		97
77) Pyrene	20.21	202	743223	42.18	ng		96
79) Butylbenzylphthalate	21.08	149	343335	43.27	ng	#	89
80) Benzo(a)anthracene	22.15	228	735832	43.35	ng		96
81) 3,3'-Dichlorobenzidine	22.05	252	267810	43.47	ng	#	96
82) Chrysene	22.23	228	689076	43.31	ng		96
83) Bis(2-ethylhexyl)phthalate	22.00	149	501167	43.22	ng	#	94
84) Di-n-octyl phthalate	23.35	149	838247	43.75	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	814436	44.79	ng	#	97
87) Benzo(b)fluoranthene	24.63	252	727622	41.88	ng	#	95
88) Benzo(k)fluoranthene	24.71	252	731948	42.62	ng	#	91
89) Benzo(a)pyrene	25.62	252	685968	42.07	ng	#	93
90) Dibenzo(a,h)anthracene	30.01	278	707216	42.82	ng	#	93
91) Benzo(g,h,i)perylene	31.26	276	670792	42.26	ng	#	89

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

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