Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027272.D
Acq On : 7 Jun 2017 7:31
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/8/2017 8:25:24 AM

Quant Time: Jun 07 08:36:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	55573	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	267044	20.00	ng		-0.01
38) Acenaphthene-d10	15.15	164	167971	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	385164	20.00	ng		-0.02
75) Chrysene-d12	22.29	240	438834	20.00	ng		-0.02
86) Perylene-d12	25.98	264	402966	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	310541	85.27	ng		-0.01
7) Phenol-d6	7.70	99	463358	86.68	ng		0.00
23) Nitrobenzene-d5	9.74	82	401799	94.62	ng		0.00
41) 2,4,6-Tribromophenol	16.63	330	200248	90.53	ng		-0.01
44) 2-Fluorobiphenyl	13.78	172	980401	81.65	ng		-0.01
78) Terphenyl-d14	20.48	244	1404248	81.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	61512	40.735	ng	#	81
3) Pyridine	4.55	79	197440	42.414	ng	#	74
4) n-Nitrosodimethylamine	4.45	42	74601	43.283	ng	#	50
6) Aniline	7.90	93	281445	41.807	ng	#	92
8) 2-Chlorophenol	8.13	128	161649	42.036	ng		90
9) Benzaldehyde	7.72	77	153708	41.586	ng		83
10) Phenol	7.73	94	232426	42.515	ng		77
11) bis(2-Chloroethyl)ether	7.97	93	185304	41.317	ng		86
12) 1,3-Dichlorobenzene	8.46	146	175948	40.566	ng	#	93
13) 1,4-Dichlorobenzene	8.61	146	179833	40.399	ng		96
14) 1,2-Dichlorobenzene	8.93	146	173773	40.025	ng		93
15) Benzyl Alcohol	8.80	79	159162	42.256	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	9.08	45	274835	42.828	ng		94
17) 2-Methylphenol	8.98	107	162550	42.063	ng	#	87
18) Hexachloroethane	9.66	117	63050	42.048	ng		88
19) n-Nitroso-di-n-propylamine	9.36	70	155638	41.617	ng	#	85
20) 3+4-Methylphenols	9.31	107	228061	42.604	ng		89
22) Acetophenone	9.39	105	286721	41.984	ng	#	82
24) Nitrobenzene	9.78	77	221668	45.822	ng	#	86
25) Isophorone	10.30	82	419813	42.046	ng	#	95
26) 2-Nitrophenol	10.49	139	88296	44.831	ng	#	77
27) 2,4-Dimethylphenol	10.52	122	184967	43.086	ng		90
28) bis(2-Chloroethoxy)methane	10.76	93	269931	41.752	ng		99
29) 2,4-Dichlorophenol	11.02	162	169808	43.328	ng		98
30) 1,2,4-Trichlorobenzene	11.24	180	178889	41.222	ng		97
31) Naphthalene	11.44	128	593861	40.690	ng		99
32) Benzoic acid	10.64	122	125552	43.237	ng	#	85
33) 4-Chloroaniline	11.53	127	252960	41.594	ng	#	88
34) Hexachlorobutadiene	11.72	225	108384	40.638	ng		98
35) Caprolactam	12.31	113	63755	47.432	ng	#	76
36) 4-Chloro-3-methylphenol	12.60	107	212791	43.320	ng		92
37) 2-Methylnaphthalene	13.00	142	428602	40.259	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	213401	40.782	ng		99
40) Hexachlorocyclopentadiene	13.34	237	114244	41.020	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	141434	44.562	ng		95
43) 2,4,5-Trichlorophenol	13.66	196	160030	45.059	ng		97
45) 1,1'-Biphenyl	13.98	154	564605	41.181	ng		98
46) 2-Chloronaphthalene	14.04	162	423899	41.238	ng		99
47) 2-Nitroaniline	14.23	65	139165	47.663	ng	#	84
48) Acenaphthylene	14.88	152	726935	41.786	ng		97
49) Dimethylphthalate	14.59	163	546033	40.979	ng		97
50) 2,6-Dinitrotoluene	14.71	165	120258	44.844	ng	#	77
51) Acenaphthene	15.21	154	476959	42.150	ng		97
52) 3-Nitroaniline	15.04	138	125163	44.545	ng		87
53) 2,4-Dinitrophenol	15.24	184	54899	50.958	ng	#	87
54) Dibenzofuran	15.55	168	647586	40.953	ng		92
55) 4-Nitrophenol	15.32	139	102808	43.844	ng	#	56
56) 2,4-Dinitrotoluene	15.49	165	162155	46.995	ng	#	85
57) Fluorene	16.19	166	578848	41.213	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.76	232	138781m	43.774	ng		
59) Diethylphthalate	15.94	149	552556	41.574	ng		99
60) 4-Chlorophenyl-phenylether	16.18	204	291486	41.200	ng		93
61) 4-Nitroaniline	16.21	138	130972	45.881	ng	#	65
62) Azobenzene	16.47	77	536010	43.513	ng		89
64) 4,6-Dinitro-2-methylphenol	16.25	198	89368	51.045	ng		91
65) n-Nitrosodiphenylamine	16.39	169	493040	40.831	ng		98
66) 4-Bromophenyl-phenylether	17.07	248	185566	40.706	ng		96
67) Hexachlorobenzene	17.20	284	199326	40.652	ng		92
68) Atrazine	17.33	200	175707	43.513	ng		96
69) Pentachlorophenol	17.53	266	120781	42.023	ng		98
70) Phenanthrene	17.94	178	884755	40.828	ng		95
71) Anthracene	18.03	178	892865	41.127	ng		99
72) Carbazole	18.30	167	856319	41.820	ng		96
73) Di-n-butylphthalate	18.83	149	897502	45.201	ng	#	94
74) Fluoranthene	19.93	202	1005327	43.426	ng		94
76) Benzidine	20.09	184	429927	32.523	ng		97
77) Pyrene	20.29	202	1036051	39.075	ng		96
79) Butylbenzylphthalate	21.18	149	386967	41.304	ng		93
80) Benzo(a)anthracene	22.26	228	1035230	41.366	ng		96
81) 3,3'-Dichlorobenzidine	22.16	252	406011	41.703	ng	#	98
82) Chrysene	22.34	228	977413	40.680	ng		96
83) Bis(2-ethylhexyl)phthalate	22.13	149	566145	39.987	ng		100
84) Di-n-octyl phthalate	23.51	149	948374	40.444	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.24	276	1197317	41.147	ng	#	90
87) Benzo(b)fluoranthene	24.80	252	1048524	41.955	ng	#	97
88) Benzo(k)fluoranthene	24.88	252	1038827	42.370	ng	#	93
89) Benzo(a)pyrene	25.81	252	985741	41.899	ng	#	94
90) Dibenzo(a,h)anthracene	30.33	278	1043956	42.389	ng	#	95
91) Benzo(g,h,i)perylene	31.59	276	999193	41.893	ng	#	90

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

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