Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
Data File : BG031983.D
Acq On : 11 Jan 2018 14:31
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 11 15:26:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 15:23:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	56434	20.00	ng		0.00
21) Naphthalene-d8	11.66	136	248638	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	169476	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	401133	20.00	ng		0.00
75) Chrysene-d12	22.48	240	416251	20.00	ng		0.00
86) Perylene-d12	26.20	264	431288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	240450	77.60	ng		0.00
7) Phenol-d6	7.88	99	332180	82.58	ng		0.00
23) Nitrobenzene-d5	9.98	82	297528	90.36	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	219428	84.85	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	1069840	79.23	ng		0.00
78) Terphenyl-d14	20.67	244	1447240	79.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	43508	37.881	ng	#	71
3) Pyridine	4.32	79	123611	40.263	ng	#	82
4) n-Nitrosodimethylamine	4.22	42	52236	42.164	ng	#	87
6) Aniline	8.08	93	202363	39.099	ng		92
8) 2-Chlorophenol	8.32	128	144255	40.137	ng	#	81
9) Benzaldehyde	7.88	77	82775	34.172	ng		85
10) Phenol	7.91	94	161631	39.797	ng		95
11) bis(2-Chloroethyl)ether	8.17	93	128326	38.046	ng	#	82
12) 1,3-Dichlorobenzene	8.67	146	177375	39.741	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	179795	39.435	ng		95
14) 1,2-Dichlorobenzene	9.15	146	173865	40.246	ng		96
15) Benzyl Alcohol	9.01	79	126366	41.845	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	102257	37.228	ng		85
17) 2-Methylphenol	9.21	107	121149	41.689	ng		96
18) Hexachloroethane	9.91	117	56164	40.673	ng	#	84
19) n-Nitroso-di-n-propylamine	9.59	70	108568	39.518	ng	#	85
20) 3+4-Methylphenols	9.55	107	169583	41.060	ng		95
22) Acetophenone	9.62	105	218979	37.908	ng	#	87
24) Nitrobenzene	10.02	77	146115	43.056	ng	#	84
25) Isophorone	10.55	82	267687	37.765	ng	#	84
26) 2-Nitrophenol	10.75	139	91431	51.386	ng	#	83
27) 2,4-Dimethylphenol	10.78	122	141724	37.852	ng		95
28) bis(2-Chloroethoxy)methane	11.03	93	181350	38.130	ng	#	96
29) 2,4-Dichlorophenol	11.29	162	180934	41.164	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	212064	39.513	ng		99
31) Naphthalene	11.72	128	491997	39.209	ng		99
32) Benzoic acid	10.90	122	102004	41.073	ng	#	81
33) 4-Chloroaniline	11.81	127	212609	38.057	ng	#	91
34) Hexachlorobutadiene	11.99	225	155331	42.158	ng		98
35) Caprolactam	12.57	113	52940	39.734	ng	#	45
36) 4-Chloro-3-methylphenol	12.88	107	166448	41.002	ng	#	82
37) 2-Methylnaphthalene	13.28	142	403012	39.618	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	292344	40.953	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	168473	44.737	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	171838	41.751	ng		100
43) 2,4,5-Trichlorophenol	13.92	196	194168	42.570	ng	#	90
45) 1,1'-Biphenyl	14.25	154	575347	39.748	ng		96
46) 2-Chloronaphthalene	14.31	162	437160	39.595	ng		96
47) 2-Nitroaniline	14.49	65	93427	48.996	ng	#	62
48) Acenaphthylene	15.14	152	692056	39.180	ng		98
49) Dimethylphthalate	14.84	163	574150	38.456	ng		98
50) 2,6-Dinitrotoluene	14.97	165	125253	45.603	ng	#	66
51) Acenaphthene	15.48	154	460688	39.824	ng		98
52) 3-Nitroaniline	15.30	138	113156	42.228	ng	#	74
53) 2,4-Dinitrophenol	15.49	184	50498	46.782	ng	#	1
54) Dibenzofuran	15.80	168	692040	39.026	ng		98
55) 4-Nitrophenol	15.57	139	83267	38.179	ng	#	73
56) 2,4-Dinitrotoluene	15.75	165	170770	48.353	ng	#	63
57) Fluorene	16.44	166	548284	38.061	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	181528	40.792	ng	#	85
59) Diethylphthalate	16.18	149	548489	37.692	ng		97
60) 4-Chlorophenyl-phenylether	16.43	204	340929	38.679	ng		91
61) 4-Nitroaniline	16.45	138	113268	43.316	ng		84
62) Azobenzene	16.72	77	352612	37.784	ng		85
64) 4,6-Dinitro-2-methylphenol	16.50	198	97515	49.630	ng	#	67
65) n-Nitrosodiphenylamine	16.63	169	525876	39.473	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	233624	40.276	ng		96
67) Hexachlorobenzene	17.44	284	243380	41.044	ng	#	90
68) Atrazine	17.56	200	199122	38.438	ng		98
69) Pentachlorophenol	17.78	266	166302	40.774	ng		98
70) Phenanthrene	18.18	178	867793	38.227	ng		99
71) Anthracene	18.27	178	875534	38.234	ng		98
72) Carbazole	18.53	167	756646	37.332	ng		99
73) Di-n-butylphthalate	19.04	149	851530	37.804	ng		99
74) Fluoranthene	20.14	202	1039175	37.307	ng		96
76) Benzidine	20.30	184	499365	38.868	ng		97
77) Pyrene	20.50	202	1050348	39.503	ng		99
79) Butylbenzylphthalate	21.36	149	364525	40.840	ng	#	75
80) Benzo(a)anthracene	22.46	228	1025067	38.714	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	399533	38.918	ng	#	96
82) Chrysene	22.53	228	962174	38.406	ng		97
83) Bis(2-ethylhexyl)phthalate	22.30	149	497425	38.466	ng	#	98
84) Di-n-octyl phthalate	23.69	149	816308	37.482	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1203704	37.452	ng	#	88
87) Benzo(b)fluoranthene	25.01	252	1048406	39.161	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1044904	39.000	ng	#	97
89) Benzo(a)pyrene	26.03	252	990267	38.622	ng	#	97
90) Dibenzo(a,h)anthracene	30.60	278	1005565	37.974	ng	#	95
91) Benzo(g,h,i)perylene	30.52	276	1203704	38.500	ng	#	93

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

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