Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031794.D
Acq On : 27 Dec 2017 13:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 28 07:16:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	39347	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	177552	20.00	ng		-0.04
38) Acenaphthene-d10	15.44	164	127174	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	325081	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	367735	20.00	ng		-0.05
86) Perylene-d12	26.27	264	404846	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	167743	77.65	ng		-0.02
7) Phenol-d6	7.91	99	232080	82.75	ng		-0.02
23) Nitrobenzene-d5	10.01	82	199606	84.89	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	176774	91.10	ng		-0.03
44) 2-Fluorobiphenyl	14.07	172	783225	77.30	ng		-0.03
78) Terphenyl-d14	20.70	244	1246803	77.46	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	28375	35.434	ng	#	71
3) Pyridine	4.33	79	85269	39.835	ng	#	77
4) n-Nitrosodimethylamine	4.23	42	33157	38.387	ng	#	86
6) Aniline	8.10	93	143080	39.650	ng		91
8) 2-Chlorophenol	8.35	128	104722	41.791	ng	#	76
9) Benzaldehyde	7.91	77	63510	37.605	ng		84
10) Phenol	7.93	94	115199	40.682	ng		92
11) bis(2-Chloroethyl)ether	8.19	93	87090	37.033	ng	#	80
12) 1,3-Dichlorobenzene	8.69	146	120056	38.580	ng	#	94
13) 1,4-Dichlorobenzene	8.85	146	124756	39.246	ng		94
14) 1,2-Dichlorobenzene	9.17	146	118017	39.181	ng		97
15) Benzyl Alcohol	9.04	79	85660	40.684	ng		85
16) 2,2'-oxybis(1-Chloropropan	9.34	45	66295	34.617	ng		82
17) 2-Methylphenol	9.24	107	81955	40.449	ng		94
18) Hexachloroethane	9.93	117	36531	37.944	ng	#	87
19) n-Nitroso-di-n-propylamine	9.62	70	74318	38.799	ng	#	83
20) 3+4-Methylphenols	9.57	107	118864	41.278	ng		93
22) Acetophenone	9.65	105	156815	38.015	ng	#	85
24) Nitrobenzene	10.05	77	99196	40.933	ng	#	85
25) Isophorone	10.57	82	192569	38.044	ng	#	86
26) 2-Nitrophenol	10.77	139	61075	48.068	ng	#	79
27) 2,4-Dimethylphenol	10.81	122	101463	37.949	ng		89
28) bis(2-Chloroethoxy)methane	11.05	93	125286	36.888	ng	#	97
29) 2,4-Dichlorophenol	11.31	162	126804	40.399	ng		88
30) 1,2,4-Trichlorobenzene	11.54	180	144955	37.823	ng		97
31) Naphthalene	11.75	128	351515	39.229	ng		98
32) Benzoic acid	10.91	122	66277	37.975	ng	#	75
33) 4-Chloroaniline	11.84	127	156834	39.313	ng	#	91
34) Hexachlorobutadiene	12.01	225	101018	38.394	ng		96
35) Caprolactam	12.58	113	41660	43.787	ng	#	44
36) 4-Chloro-3-methylphenol	12.90	107	121432	41.889	ng	#	83
37) 2-Methylnaphthalene	13.30	142	289467	39.849	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	204274	38.134	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	110615	39.144	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	127627	41.324 ng		96
43) 2,4,5-Trichlorophenol	13.95	196	142033	41.498 ng	#	90
45) 1,1'-Biphenyl	14.28	154	423819	39.019 ng		94
46) 2-Chloronaphthalene	14.33	162	322325	38.905 ng		94
47) 2-Nitroaniline	14.52	65	66206	46.269 ng	#	63
48) Acenaphthylene	15.17	152	521778	39.366 ng		99
49) Dimethylphthalate	14.87	163	441796	39.434 ng	#	99
50) 2,6-Dinitrotoluene	14.99	165	93989	45.603 ng	#	64
51) Acenaphthene	15.50	154	346590	39.927 ng		96
52) 3-Nitroaniline	15.33	138	90735	45.124 ng	#	66
53) 2,4-Dinitrophenol	15.52	184	30141	38.773 ng	#	1
54) Dibenzofuran	15.83	168	528539	39.720 ng		97
55) 4-Nitrophenol	15.59	139	64180	39.215 ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	128294	48.409 ng	#	62
57) Fluorene	16.47	166	429350	39.718 ng		97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	138346	41.430 ng	#	84
59) Diethylphthalate	16.21	149	430081	39.386 ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	261029	39.465 ng		94
61) 4-Nitroaniline	16.47	138	88976	45.344 ng	#	79
62) Azobenzene	16.74	77	266581	38.067 ng		84
64) 4,6-Dinitro-2-methylphenol	16.52	198	55215	37.178 ng	#	68
65) n-Nitrosodiphenylamine	16.66	169	413996	38.345 ng		97
66) 4-Bromophenyl-phenylether	17.35	248	186781	39.733 ng	#	90
67) Hexachlorobenzene	17.47	284	195802	40.745 ng	#	90
68) Atrazine	17.59	200	159592	38.015 ng		98
69) Pentachlorophenol	17.81	266	126114	38.155 ng		99
70) Phenanthrene	18.21	178	706656	38.411 ng		98
71) Anthracene	18.30	178	710962	38.310 ng		100
72) Carbazole	18.56	167	619634	37.724 ng		99
73) Di-n-butylphthalate	19.07	149	695979	38.127 ng		99
74) Fluoranthene	20.17	202	878867	38.934 ng		97
76) Benzidine	20.33	184	494135	43.535 ng		98
77) Pyrene	20.53	202	879464	37.440 ng		98
79) Butylbenzylphthalate	21.40	149	313110	39.707 ng	#	76
80) Benzo(a)anthracene	22.49	228	902897	38.598 ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	360890	39.792 ng	#	98
82) Chrysene	22.57	228	847283	38.282 ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	438845	38.413 ng	#	97
84) Di-n-octyl phthalate	23.75	149	753729	39.175 ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1146953	40.394 ng	#	86
87) Benzo(b)fluoranthene	25.07	252	944684	37.591 ng	#	98
88) Benzo(k)fluoranthene	25.14	252	959992	38.171 ng	#	96
89) Benzo(a)pyrene	26.10	252	911201	37.859 ng	#	95
90) Dibenzo(a,h)anthracene	30.72	278	963552	38.764 ng	#	94
91) Benzo(g,h,i)perylene	30.63	276	1146953	39.081 ng	#	92

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

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