Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011018\
Data File : BG031981.D
Acq On : 10 Jan 2018 18:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 11 00:43:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	61320	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	263126	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	176997	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	431938	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	464078	20.00	ng		-0.03
86) Perylene-d12	26.22	264	485096	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	259504	77.08	ng		0.00
7) Phenol-d6	7.90	99	349139	79.88	ng		0.01
23) Nitrobenzene-d5	9.99	82	309513	88.82	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	231950	85.88	ng		-0.01
44) 2-Fluorobiphenyl	14.05	172	1097324	77.81	ng		0.00
78) Terphenyl-d14	20.68	244	1542076	75.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	46859	37.548	ng	#	70
3) Pyridine	4.32	79	130262	39.049	ng	#	79
4) n-Nitrosodimethylamine	4.23	42	54581	40.547	ng	#	80
6) Aniline	8.09	93	211880	37.676	ng		92
8) 2-Chlorophenol	8.34	128	151675	38.839	ng	#	81
9) Benzaldehyde	7.89	77	86531	32.877	ng		85
10) Phenol	7.93	94	168895	38.272	ng		96
11) bis(2-Chloroethyl)ether	8.18	93	133389	36.396	ng	#	83
12) 1,3-Dichlorobenzene	8.68	146	185807	38.313	ng	#	93
13) 1,4-Dichlorobenzene	8.83	146	189040	38.159	ng		94
14) 1,2-Dichlorobenzene	9.16	146	183335	39.056	ng		93
15) Benzyl Alcohol	9.03	79	132640	40.423	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.32	45	105347	35.297	ng		80
17) 2-Methylphenol	9.22	107	121842	38.587	ng		96
18) Hexachloroethane	9.92	117	59766	39.833	ng	#	78
19) n-Nitroso-di-n-propylamine	9.61	70	113174	37.912	ng	#	84
20) 3+4-Methylphenols	9.56	107	177688	39.594	ng		95
22) Acetophenone	9.63	105	231524	37.873	ng	#	87
24) Nitrobenzene	10.03	77	151136	42.084	ng	#	84
25) Isophorone	10.56	82	282615	37.676	ng	#	87
26) 2-Nitrophenol	10.76	139	98090	52.093	ng	#	83
27) 2,4-Dimethylphenol	10.80	122	147385	37.197	ng		91
28) bis(2-Chloroethoxy)methane	11.04	93	183371	36.432	ng	#	98
29) 2,4-Dichlorophenol	11.30	162	186307	40.052	ng		91
30) 1,2,4-Trichlorobenzene	11.53	180	220576	38.836	ng		97
31) Naphthalene	11.73	128	512590	38.601	ng		99
32) Benzoic acid	10.92	122	109655	41.617	ng	#	81
33) 4-Chloroaniline	11.82	127	226233	38.266	ng	#	90
34) Hexachlorobutadiene	12.00	225	159847	40.995	ng		96
35) Caprolactam	12.58	113	57207	40.573	ng	#	45
36) 4-Chloro-3-methylphenol	12.88	107	172276	40.101	ng	#	84
37) 2-Methylnaphthalene	13.28	142	409877	38.075	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	300958	40.369	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	172508	43.862	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	179189	41.687	ng		97
43) 2,4,5-Trichlorophenol	13.93	196	197636	41.490	ng	#	91
45) 1,1'-Biphenyl	14.26	154	592825	39.215	ng		95
46) 2-Chloronaphthalene	14.31	162	448467	38.893	ng		96
47) 2-Nitroaniline	14.50	65	97502	48.960	ng	#	63
48) Acenaphthylene	15.15	152	709654	38.469	ng		99
49) Dimethylphthalate	14.85	163	587781	37.696	ng	#	99
50) 2,6-Dinitrotoluene	14.97	165	128192	44.690	ng	#	67
51) Acenaphthene	15.49	154	489748	40.537	ng		98
52) 3-Nitroaniline	15.31	138	122858	43.900	ng	#	69
53) 2,4-Dinitrophenol	15.50	184	67359	57.635	ng	#	67
54) Dibenzofuran	15.81	168	707797	38.218	ng		99
55) 4-Nitrophenol	15.58	139	91018	39.959	ng	#	75
56) 2,4-Dinitrotoluene	15.75	165	181311	49.156	ng	#	62
57) Fluorene	16.45	166	570160	37.897	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	191117	41.122	ng	#	85
59) Diethylphthalate	16.19	149	567622	37.349	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	356242	38.699	ng		92
61) 4-Nitroaniline	16.46	138	122878	44.994	ng		82
62) Azobenzene	16.73	77	362975	37.241	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	105599	49.864	ng	#	69
65) n-Nitrosodiphenylamine	16.64	169	546229	38.076	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	245772	39.348	ng		94
67) Hexachlorobenzene	17.45	284	252247	39.505	ng	#	91
68) Atrazine	17.57	200	209100	37.485	ng		98
69) Pentachlorophenol	17.78	266	181467	41.319	ng		99
70) Phenanthrene	18.19	178	916555	37.495	ng		99
71) Anthracene	18.28	178	914683	37.094	ng		99
72) Carbazole	18.54	167	809344	37.084	ng		99
73) Di-n-butylphthalate	19.05	149	895301	36.913	ng		100
74) Fluoranthene	20.15	202	1124244	37.483	ng		94
76) Benzidine	20.31	184	593458	41.431	ng		98
77) Pyrene	20.51	202	1128785	38.078	ng		98
79) Butylbenzylphthalate	21.37	149	394058	39.599	ng	#	78
80) Benzo(a)anthracene	22.47	228	1117267	37.847	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	437221	38.200	ng	#	96
82) Chrysene	22.54	228	1047178	37.491	ng		97
83) Bis(2-ethylhexyl)phthalate	22.31	149	531101	36.838	ng	#	95
84) Di-n-octyl phthalate	23.71	149	878089	36.164	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.55	276	1339600	37.384	ng	#	89
87) Benzo(b)fluoranthene	25.02	252	1156780	38.416	ng	#	97
88) Benzo(k)fluoranthene	25.10	252	1133865	37.626	ng	#	96
89) Benzo(a)pyrene	26.05	252	1096396	38.018	ng	#	97
90) Dibenzo(a,h)anthracene	30.63	278	1115190	37.442	ng	#	95
91) Benzo(g,h,i)perylene	30.55	276	1339600	38.094	ng	#	93

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

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