Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031756.D
Acq On : 26 Dec 2017 11:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 26 12:09:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	47026	20.00	ng		-0.03
21) Naphthalene-d8	11.70	136	197121	20.00	ng		-0.03
38) Acenaphthene-d10	15.44	164	136157	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	343417	20.00	ng		-0.03
75) Chrysene-d12	22.53	240	395889	20.00	ng		-0.05
86) Perylene-d12	26.28	264	438675	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	202091	78.27	ng		-0.02
7) Phenol-d6	7.91	99	265331	79.15	ng		-0.02
23) Nitrobenzene-d5	10.01	82	212583	81.44	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	184851	88.97	ng		-0.03
44) 2-Fluorobiphenyl	14.07	172	839111	77.35	ng		-0.03
78) Terphenyl-d14	20.70	244	1322444	76.32	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	39255	41.015	ng	#	68
3) Pyridine	4.34	79	110546	43.211	ng	#	76
4) n-Nitrosodimethylamine	4.24	42	41665	40.360	ng	#	77
6) Aniline	8.10	93	165267	38.320	ng		92
8) 2-Chlorophenol	8.35	128	118876	39.692	ng	#	79
9) Benzaldehyde	7.91	77	73742	36.534	ng		84
10) Phenol	7.94	94	129780	38.347	ng		93
11) bis(2-Chloroethyl)ether	8.19	93	101525	36.121	ng	#	79
12) 1,3-Dichlorobenzene	8.69	146	145078	39.008	ng	#	93
13) 1,4-Dichlorobenzene	8.85	146	145990	38.426	ng		94
14) 1,2-Dichlorobenzene	9.18	146	138844	38.569	ng		96
15) Benzyl Alcohol	9.04	79	99142	39.398	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.34	45	75407	32.945	ng		79
17) 2-Methylphenol	9.24	107	93793	38.733	ng		94
18) Hexachloroethane	9.93	117	43821	38.083	ng		87
19) n-Nitroso-di-n-propylamine	9.62	70	85494	37.345	ng	#	84
20) 3+4-Methylphenols	9.58	107	134278	39.016	ng		95
22) Acetophenone	9.65	105	175475	38.316	ng	#	88
24) Nitrobenzene	10.05	77	108375	40.282	ng	#	81
25) Isophorone	10.57	82	213012	37.905	ng	#	84
26) 2-Nitrophenol	10.78	139	57489	40.754	ng	#	81
27) 2,4-Dimethylphenol	10.82	122	114882	38.702	ng		86
28) bis(2-Chloroethoxy)methane	11.06	93	139620	37.028	ng		98
29) 2,4-Dichlorophenol	11.31	162	139884	40.142	ng		87
30) 1,2,4-Trichlorobenzene	11.55	180	163270	38.372	ng		99
31) Naphthalene	11.75	128	391538	39.358	ng		99
32) Benzoic acid	10.93	122	77375	39.588	ng	#	82
33) 4-Chloroaniline	11.84	127	171060	38.622	ng	#	92
34) Hexachlorobutadiene	12.01	225	114072	39.051	ng		97
35) Caprolactam	12.59	113	43274	40.968	ng	#	41
36) 4-Chloro-3-methylphenol	12.90	107	130075	40.416	ng	#	83
37) 2-Methylnaphthalene	13.31	142	312451	38.743	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.66	216	218807	38.153	ng	#	97
40) Hexachlorocyclopentadiene	13.64	237	122759	40.575	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	131413	39.743	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	148549	40.539	ng	#	89
45) 1,1'-Biphenyl	14.28	154	449972	38.694	ng		97
46) 2-Chloronaphthalene	14.33	162	342571	38.621	ng		96
47) 2-Nitroaniline	14.52	65	62205	40.605	ng	#	53
48) Acenaphthylene	15.17	152	557263	39.269	ng		98
49) Dimethylphthalate	14.87	163	471460	39.305	ng		99
50) 2,6-Dinitrotoluene	14.99	165	90188	40.872	ng	#	68
51) Acenaphthene	15.50	154	367293	39.520	ng		98
52) 3-Nitroaniline	15.32	138	89002	41.342	ng	#	72
53) 2,4-Dinitrophenol	15.52	184	30608	37.169	ng	#	1
54) Dibenzofuran	15.83	168	559663	39.284	ng		99
55) 4-Nitrophenol	15.60	139	68303	38.981	ng	#	65
56) 2,4-Dinitrotoluene	15.77	165	119319	42.052	ng	#	68
57) Fluorene	16.48	166	456235	39.421	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	146064	40.855	ng	#	83
59) Diethylphthalate	16.21	149	456994	39.089	ng		96
60) 4-Chlorophenyl-phenylether	16.46	204	276258	39.012	ng		91
61) 4-Nitroaniline	16.48	138	92482	44.022	ng		78
62) Azobenzene	16.75	77	281282	37.516	ng		81
64) 4,6-Dinitro-2-methylphenol	16.53	198	63527	39.751	ng	#	72
65) n-Nitrosodiphenylamine	16.67	169	441527	38.711	ng		98
66) 4-Bromophenyl-phenylether	17.35	248	194388	39.144	ng		93
67) Hexachlorobenzene	17.47	284	208101	40.993	ng	#	87
68) Atrazine	17.59	200	167629	37.797	ng		94
69) Pentachlorophenol	17.81	266	144136	41.279	ng		98
70) Phenanthrene	18.21	178	749259	38.552	ng		99
71) Anthracene	18.31	178	753892	38.455	ng		98
72) Carbazole	18.56	167	664801	38.313	ng		100
73) Di-n-butylphthalate	19.08	149	738142	38.278	ng		99
74) Fluoranthene	20.17	202	925444	38.808	ng		96
76) Benzidine	20.33	184	449004	36.746	ng		98
77) Pyrene	20.53	202	943527	37.311	ng		100
79) Butylbenzylphthalate	21.40	149	336620	39.653	ng	#	74
80) Benzo(a)anthracene	22.50	228	969562	38.501	ng		99
81) 3,3'-Dichlorobenzidine	22.39	252	387388	39.676	ng	#	96
82) Chrysene	22.58	228	901730	37.844	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	483878	39.343	ng	#	97
84) Di-n-octyl phthalate	23.76	149	821859	39.678	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.66	276	1232056	40.305	ng	#	88
87) Benzo(b)fluoranthene	25.07	252	1028857	37.784	ng	#	97
88) Benzo(k)fluoranthene	25.16	252	1031201	37.840	ng	#	97
89) Benzo(a)pyrene	26.11	252	987111	37.851	ng	#	97
90) Dibenzo(a,h)anthracene	30.73	278	1039047	38.577	ng	#	97
91) Benzo(g,h,i)perylene	30.66	276	1232056	38.744	ng	#	92

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

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