Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032410.D
Acq On : 29 Jan 2018 11:51
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jan 29 15:32:46 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	26079	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	116937	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	86645	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	220351	20.00	ng		0.00
75) Chrysene-d12	22.42	240	261055	20.00	ng		0.00
86) Perylene-d12	26.09	264	280757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	106402	81.95	ng		0.00
7) Phenol-d6	7.83	99	139999	80.80	ng		0.00
23) Nitrobenzene-d5	9.92	82	151663	81.01	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	128823	78.11	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	563828	77.34	ng		0.00
78) Terphenyl-d14	20.63	244	947543	77.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	15955	36.523	ng	#	76
3) Pyridine	4.27	79	48073	40.755	ng	#	85
4) n-Nitrosodimethylamine	4.17	42	26097	42.501	ng	#	66
6) Aniline	8.02	93	90058	41.689	ng		95
8) 2-Chlorophenol	8.27	128	62795	40.915	ng	#	83
9) Benzaldehyde	7.82	77	35763	39.964	ng	#	79
10) Phenol	7.86	94	67854	41.240	ng		90
11) bis(2-Chloroethyl)ether	8.11	93	50593	40.356	ng	#	83
12) 1,3-Dichlorobenzene	8.60	146	81991	39.502	ng		96
13) 1,4-Dichlorobenzene	8.76	146	82582	39.696	ng		97
14) 1,2-Dichlorobenzene	9.09	146	82322	40.395	ng		97
15) Benzyl Alcohol	8.96	79	59516	41.680	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.24	45	48145	40.527	ng		80
17) 2-Methylphenol	9.16	107	54902	41.084	ng	#	91
18) Hexachloroethane	9.84	117	27307	39.096	ng	#	83
19) n-Nitroso-di-n-propylamine	9.54	70	47752	41.567	ng	#	89
20) 3+4-Methylphenols	9.49	107	79620	42.476	ng		95
22) Acetophenone	9.56	105	108403	39.547	ng	#	91
24) Nitrobenzene	9.96	77	71752	39.634	ng	#	86
25) Isophorone	10.48	82	126623	39.721	ng	#	82
26) 2-Nitrophenol	10.69	139	45778	41.831	ng	#	79
27) 2,4-Dimethylphenol	10.73	122	62855	40.016	ng		96
28) bis(2-Chloroethoxy)methane	10.97	93	69582	39.805	ng	#	96
29) 2,4-Dichlorophenol	11.23	162	82815	39.800	ng		86
30) 1,2,4-Trichlorobenzene	11.46	180	107344	38.706	ng		98
31) Naphthalene	11.65	128	225363	39.459	ng		99
32) Benzoic acid	10.85	122	43537	38.801	ng	#	85
33) 4-Chloroaniline	11.75	127	99989	39.253	ng		96
34) Hexachlorobutadiene	11.92	225	84414	39.122	ng		97
35) Caprolactam	12.49	113	24246	40.590	ng	#	53
36) 4-Chloro-3-methylphenol	12.82	107	77178	39.102	ng	#	86
37) 2-Methylnaphthalene	13.22	142	189698	39.536	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	157463	38.846	ng	#	97
40) Hexachlorocyclopentadiene	13.55	237	100167	39.550	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	85072	38.584	ng		99
43) 2,4,5-Trichlorophenol	13.87	196	100580	39.132	ng	#	92
45) 1,1'-Biphenyl	14.19	154	284859	38.914	ng		96
46) 2-Chloronaphthalene	14.25	162	222621	38.801	ng		97
47) 2-Nitroaniline	14.44	65	49847	39.287	ng	#	79
48) Acenaphthylene	15.08	152	337041	38.858	ng		99
49) Dimethylphthalate	14.79	163	301439	37.731	ng		100
50) 2,6-Dinitrotoluene	14.91	165	63928	38.125	ng	#	77
51) Acenaphthene	15.42	154	234961	39.060	ng		98
52) 3-Nitroaniline	15.25	138	57354	39.159	ng	#	82
53) 2,4-Dinitrophenol	15.45	184	36762	37.425	ng	#	66
54) Dibenzofuran	15.75	168	338787	38.052	ng		97
55) 4-Nitrophenol	15.53	139	42625	38.874	ng	#	80
56) 2,4-Dinitrotoluene	15.70	165	93109	38.999	ng	#	68
57) Fluorene	16.39	166	279362	37.760	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	100184	39.520	ng	#	84
59) Diethylphthalate	16.13	149	292336	37.571	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	179336	38.440	ng		94
61) 4-Nitroaniline	16.40	138	59003	37.586	ng	#	77
62) Azobenzene	16.67	77	175196	37.677	ng		84
64) 4,6-Dinitro-2-methylphenol	16.45	198	66646	40.486	ng	#	67
65) n-Nitrosodiphenylamine	16.58	169	257537	39.163	ng		96
66) 4-Bromophenyl-phenylether	17.26	248	128829	39.464	ng		96
67) Hexachlorobenzene	17.39	284	140740	38.958	ng	#	89
68) Atrazine	17.51	200	113831	40.323	ng		95
69) Pentachlorophenol	17.73	266	88407	39.065	ng		99
70) Phenanthrene	18.13	178	477352	38.846	ng		100
71) Anthracene	18.22	178	482133	39.404	ng		98
72) Carbazole	18.48	167	422976	39.125	ng		99
73) Di-n-butylphthalate	18.99	149	473057	39.522	ng		99
74) Fluoranthene	20.10	202	615947	38.221	ng		94
76) Benzidine	20.26	184	228122	44.502	ng		98
77) Pyrene	20.45	202	628769	39.270	ng		99
79) Butylbenzylphthalate	21.31	149	203500	40.294	ng	#	76
80) Benzo(a)anthracene	22.40	228	635954	39.295	ng		100
81) 3,3'-Dichlorobenzidine	22.29	252	250311	39.920	ng	#	98
82) Chrysene	22.47	228	606692	38.817	ng		96
83) Bis(2-ethylhexyl)phthalate	22.24	149	289208	40.386	ng	#	98
84) Di-n-octyl phthalate	23.61	149	456623	40.202	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	784506	39.678	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	666204	39.272	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	653293	38.875	ng	#	96
89) Benzo(a)pyrene	25.92	252	630220	38.968	ng	#	96
90) Dibenzo(a,h)anthracene	30.43	278	653828	39.520	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	646342	39.359	ng	#	90

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

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