Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032266.D
Acq On : 24 Jan 2018 18:25
Operator : SJ/JU
Sample : J1249-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AB-2(0-2)MSD

Quant Time: Jan 25 04:12:51 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40524	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	165428	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	118350	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	327683	20.00	ng		0.00
75) Chrysene-d12	22.42	240	400304	20.00	ng		0.00
86) Perylene-d12	26.11	264	431652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	287753	129.87	ng		0.00
7) Phenol-d6	7.84	99	355368	127.35	ng		0.00
23) Nitrobenzene-d5	9.92	82	218499	89.36	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	247648	126.45	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	729305	76.41	ng		0.00
78) Terphenyl-d14	20.63	244	1410605	77.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	24833	29.173	ng	#	75
3) Pyridine	4.26	79	41494	18.262	ng		91
4) n-Nitrosodimethylamine	4.18	42	41025	51.394	ng	#	79
6) Aniline	8.02	93	89689	25.481	ng		99
8) 2-Chlorophenol	8.27	128	108891	43.919	ng	#	80
9) Benzaldehyde	7.82	77	53711	33.220	ng		86
10) Phenol	7.87	94	136869	49.790	ng		92
11) bis(2-Chloroethyl)ether	8.11	93	80755	36.669	ng	#	82
12) 1,3-Dichlorobenzene	8.61	146	121471	37.434	ng		96
13) 1,4-Dichlorobenzene	8.76	146	122975	37.638	ng		91
14) 1,2-Dichlorobenzene	9.09	146	117425	37.158	ng		95
15) Benzyl Alcohol	8.96	79	96200	47.454	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.26	45	79401	35.476	ng		76
17) 2-Methylphenol	9.16	107	85900	40.889	ng		95
18) Hexachloroethane	9.84	117	39630	39.467	ng	#	81
19) n-Nitroso-di-n-propylamine	9.54	70	69857	40.347	ng	#	92
20) 3+4-Methylphenols	9.50	107	117680	40.436	ng		92
22) Acetophenone	9.57	105	151760	40.387	ng	#	91
24) Nitrobenzene	9.97	77	105038	43.065	ng	#	88
25) Isophorone	10.49	82	195159	42.863	ng	#	84
26) 2-Nitrophenol	10.69	139	63796	44.143	ng	#	85
27) 2,4-Dimethylphenol	10.73	122	109942	47.939	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	117640	42.884	ng	#	94
29) 2,4-Dichlorophenol	11.23	162	132139	46.825	ng		86
30) 1,2,4-Trichlorobenzene	11.46	180	144972	39.779	ng		97
31) Naphthalene	11.65	128	319906	39.037	ng		99
32) Benzoic acid	10.83	122	31084	20.302	ng	#	72
33) 4-Chloroaniline	11.75	127	108409	30.849	ng		93
34) Hexachlorobutadiene	11.92	225	101632	38.826	ng		97
35) Caprolactam	12.49	113	36597	42.748	ng	#	50
36) 4-Chloro-3-methylphenol	12.83	107	125382	48.541	ng	#	86
37) 2-Methylnaphthalene	13.22	142	267276	41.081	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	203994	39.542	ng	#	96
40) Hexachlorocyclopentadiene	13.55	237	236575	81.419	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	130598	45.054	ng		99
43) 2,4,5-Trichlorophenol	13.88	196	138593	41.307	ng	#	90
45) 1,1'-Biphenyl	14.20	154	381575	37.609	ng		96
46) 2-Chloronaphthalene	14.25	162	298759	37.852	ng		96
47) 2-Nitroaniline	14.44	65	77927	51.573	ng	#	75
48) Acenaphthylene	15.09	152	448375	37.305	ng		99
49) Dimethylphthalate	14.79	163	570535	55.089	ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	94494	43.957	ng	#	73
51) Acenaphthene	15.43	154	331409	41.699	ng		98
52) 3-Nitroaniline	15.25	138	71368	36.758	ng	#	73
53) 2,4-Dinitrophenol	15.45	184	82413	76.736	ng	#	67
54) Dibenzofuran	15.76	168	482239	40.675	ng		99
55) 4-Nitrophenol	15.54	139	143888	101.692	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	138112	47.721	ng	#	67
57) Fluorene	16.40	166	389832	40.092	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	154139	49.661	ng	#	83
59) Diethylphthalate	16.14	149	410752	40.911	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	251497	42.164	ng		93
61) 4-Nitroaniline	16.41	138	88746	47.650	ng		86
62) Azobenzene	16.67	77	262910	41.836	ng		87
64) 4,6-Dinitro-2-methylphenol	16.45	198	79799	39.059	ng	#	70
65) n-Nitrosodiphenylamine	16.58	169	379334	38.150	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	183195	39.293	ng		96
67) Hexachlorobenzene	17.39	284	184826	35.832	ng	#	92
68) Atrazine	17.51	200	178325	42.645	ng		97
69) Pentachlorophenol	17.74	266	220535	66.889	ng		98
70) Phenanthrene	18.14	178	679247	37.231	ng		100
71) Anthracene	18.23	178	695344	38.213	ng		99
72) Carbazole	18.49	167	631728	40.020	ng		99
73) Di-n-butylphthalate	18.99	149	671276	35.989	ng		99
74) Fluoranthene	20.10	202	889817	38.954	ng		94
76) Benzidine	20.26	184	287371	28.708	ng		98
77) Pyrene	20.46	202	883777	35.120	ng		98
79) Butylbenzylphthalate	21.31	149	315889	35.036	ng	#	77
80) Benzo(a)anthracene	22.41	228	933554	37.500	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	329988	35.483	ng	#	96
82) Chrysene	22.48	228	880171	36.814	ng		97
83) Bis(2-ethylhexyl)phthalate	22.25	149	443429	33.539	ng	#	97
84) Di-n-octyl phthalate	23.62	149	770750	36.705	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.37	276	1127078	38.521	ng	#	87
87) Benzo(b)fluoranthene	24.93	252	969603	37.162	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	962103	37.737	ng	#	96
89) Benzo(a)pyrene	25.93	252	943970	38.247	ng	#	96
90) Dibenzo(a,h)anthracene	30.45	278	955034	40.155	ng	#	94
91) Benzo(g,h,i)perylene	31.72	276	901467	37.083	ng	#	92

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

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