Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
Data File : BG031285.D
Acq On : 30 Nov 2017 00:07
Operator : SJ/JU
Sample : I6602-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-294MS

Manual Integrations APPROVED
Sohil
11/30/2017 9:16:46 AM

Quant Time: Nov 30 04:33:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57132	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	239540	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	160867	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	430483	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	498929	20.00	ng		-0.02
86) Perylene-d12	25.06	264	503712	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	453152	136.01	ng		-0.02
7) Phenol-d6	7.29	99	549102	122.33	ng		-0.01
23) Nitrobenzene-d5	9.30	82	366790	90.73	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	315194	121.12	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1076460	96.15	ng		-0.02
78) Terphenyl-d14	20.09	244	2067512	91.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51696	38.235	ng	#	82
3) Pyridine	3.96	79	116004	29.553	ng		86
4) n-Nitrosodimethylamine	3.86	42	68496	36.820	ng	#	92
6) Aniline	7.45	93	49304	8.346	ng		92
8) 2-Chlorophenol	7.70	128	162140	44.098	ng		91
9) Benzaldehyde	7.27	77	84954	27.046	ng		89
10) Phenol	7.32	94	182485	39.148	ng		92
11) bis(2-Chloroethyl)ether	7.54	93	154631	41.546	ng		91
12) 1,3-Dichlorobenzene	8.02	146	179325	41.570	ng		96
13) 1,4-Dichlorobenzene	8.16	146	183460	41.968	ng		94
14) 1,2-Dichlorobenzene	8.49	146	175191	41.754	ng		97
15) Benzyl Alcohol	8.37	79	135321	37.585	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	222224	54.054	ng		91
17) 2-Methylphenol	8.58	107	135003	41.590	ng		94
18) Hexachloroethane	9.22	117	63366	41.648	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	122119	35.782	ng	#	93
20) 3+4-Methylphenols	8.90	107	189887	41.139	ng		96
22) Acetophenone	8.95	105	239075	40.084	ng	#	92
24) Nitrobenzene	9.34	77	176671	42.784	ng	#	88
25) Isophorone	9.86	82	353590	44.850	ng	#	92
26) 2-Nitrophenol	10.06	139	96950	45.042	ng	#	84
27) 2,4-Dimethylphenol	10.11	122	165122	51.674	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	217312	43.765	ng		95
29) 2,4-Dichlorophenol	10.60	162	186542	48.615	ng		92
30) 1,2,4-Trichlorobenzene	10.80	180	202593	44.223	ng		97
31) Naphthalene	10.99	128	511409	43.430	ng		99
32) Benzoic acid	10.26	122	14888m	10.596	ng		
33) 4-Chloroaniline	11.12	127	13823	2.682	ng	#	90
34) Hexachlorobutadiene	11.27	225	131823	41.491	ng		95
35) Caprolactam	11.87	113	56629m	36.127	ng		
36) 4-Chloro-3-methylphenol	12.22	107	189559	45.390	ng		90
37) 2-Methylnaphthalene	12.59	142	405199	44.574	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	247603	38.781	ng		96
40) Hexachlorocyclopentadiene	12.93	237	189492	80.214	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	170879	46.817	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	182388	45.671	ng	#	94
45) 1,1'-Biphenyl	13.59	154	536131	40.191	ng		97
46) 2-Chloronaphthalene	13.63	162	433707	45.062	ng		95
47) 2-Nitroaniline	13.84	65	122220	42.844	ng	#	77
48) Acenaphthylene	14.47	152	671104	42.602	ng		98
49) Dimethylphthalate	14.20	163	612147	44.010	ng		99
50) 2,6-Dinitrotoluene	14.33	165	137120	47.829	ng	#	72
51) Acenaphthene	14.82	154	422153	42.910	ng		100
52) 3-Nitroaniline	14.66	138	11127	3.655	ng	#	65
53) 2,4-Dinitrophenol	14.88	184	42150	30.630	ng	#	50
54) Dibenzofuran	15.14	168	700214	44.684	ng		100
55) 4-Nitrophenol	14.98	139	181921	83.895	ng	#	77
56) 2,4-Dinitrotoluene	15.11	165	199999	48.255	ng	#	72
57) Fluorene	15.80	166	561352	44.123	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	181780	47.760	ng	#	89
59) Diethylphthalate	15.55	149	617837	43.729	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	333568	43.413	ng		90
61) 4-Nitroaniline	15.82	138	133743	41.491	ng		83
62) Azobenzene	16.07	77	479048	44.459	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	58385	20.404	ng		77
65) n-Nitrosodiphenylamine	16.00	169	538288	41.265	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	222105	40.736	ng		99
67) Hexachlorobenzene	16.80	284	229131	39.551	ng		97
68) Atrazine	16.94	200	237715	44.167	ng		98
69) Pentachlorophenol	17.15	266	178234	55.657	ng		97
70) Phenanthrene	17.54	178	1004160	44.801	ng		98
71) Anthracene	17.62	178	1017519	45.306	ng		99
72) Carbazole	17.89	167	970725	46.129	ng		99
73) Di-n-butylphthalate	18.43	149	1134292	43.900	ng		99
74) Fluoranthene	19.54	202	1355771	47.774	ng		97
76) Benzidine	19.72	184	63382	3.955	ng		98
77) Pyrene	19.90	202	1381049	46.647	ng		97
79) Butylbenzylphthalate	20.76	149	539227	45.680	ng		85
80) Benzo(a)anthracene	21.75	228	1379439	44.510	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	123149	9.844	ng		97
82) Chrysene	21.81	228	1319460	46.025	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	762165	44.728	ng		99
84) Di-n-octyl phthalate	22.85	149	1300202	46.881	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1553594	44.577	ng		99
87) Benzo(b)fluoranthene	24.02	252	1372792	45.055	ng		98
88) Benzo(k)fluoranthene	24.09	252	1381772	45.752	ng		97
89) Benzo(a)pyrene	24.91	252	1343150	46.403	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	1299049	43.908	ng		98
91) Benzo(g,h,i)perylene	30.04	276	1290573	44.944	ng		98

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

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