Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037945.D
Acq On : 12 Nov 2018 15:29
Operator : JU/SJ
Sample : J5895-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1MS

Quant Time: Nov 12 17:16:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54459	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	246710	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	162354	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	360608	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	320522	20.00	ng		-0.01
87) Perylene-d12	25.09	264	323899	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	498939	153.17	ng		-0.01
7) Phenol-d6	7.24	99	718354	145.84	ng		0.00
23) Nitrobenzene-d5	9.27	82	438291	99.52	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	260572	147.15	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	992092	92.15	ng		-0.02
79) Terphenyl-d14	20.07	244	1349631	89.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47489	28.748	ng		98
3) Pyridine	3.92	79	146559	35.200	ng		93
4) n-Nitrosodimethylamine	3.85	42	68265	46.032	ng		98
6) Aniline	7.42	93	203209	33.818	ng		97
8) 2-Chlorophenol	7.65	128	179535	47.114	ng		97
9) Benzaldehyde	7.23	77	113195	36.738	ng		98
10) Phenol	7.27	94	285151	54.868	ng		100
11) bis(2-Chloroethyl)ether	7.51	93	168444	42.675	ng		96
12) 1,3-Dichlorobenzene	7.98	146	176299	41.557	ng		97
13) 1,4-Dichlorobenzene	8.13	146	183880	42.374	ng		99
14) 1,2-Dichlorobenzene	8.45	146	173321	41.521	ng		98
15) Benzyl Alcohol	8.33	79	162382	44.616	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311480	44.103	ng		97
17) 2-Methylphenol	8.52	107	165511	48.172	ng		99
18) Hexachloroethane	9.18	117	65512	44.282	ng		95
19) n-Nitroso-di-n-propylamine	8.89	70	142155	41.911	ng		94
20) 3+4-Methylphenols	8.85	107	233457	47.525	ng		98
22) Acetophenone	8.92	105	272790	44.088	ng	#	98
24) Nitrobenzene	9.31	77	211642	46.259	ng		93
25) Isophorone	9.83	82	405829	50.433	ng		97
26) 2-Nitrophenol	10.02	139	106841	51.838	ng		99
27) 2,4-Dimethylphenol	10.06	122	189899	51.603	ng		99
28) bis(2-Chloroethoxy)methane	10.31	93	246977	46.845	ng		96
29) 2,4-Dichlorophenol	10.55	162	206592	50.421	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	201753	45.279	ng		99
31) Naphthalene	10.96	128	594531	49.063	ng		100
32) Benzoic acid	10.17	122	44051	18.430	ng		98
33) 4-Chloroaniline	11.07	127	144310	25.346	ng		97
34) Hexachlorobutadiene	11.23	225	116297	44.038	ng		98
35) Caprolactam	11.86	113	72420	44.070	ng		95
36) 4-Chloro-3-methylphenol	12.18	107	221505	47.936	ng		96
37) 2-Methylnaphthalene	12.56	142	448399	50.762	ng		100
38) 1-Methylnaphthalene	12.78	142	429993	50.125	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	233653	44.618	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	266161	106.401 ng		98
43) 2,4,6-Trichlorophenol	13.16	196	172177	49.213 ng		98
44) 2,4,5-Trichlorophenol	13.23	196	188182	49.402 ng		98
46) 1,1'-Biphenyl	13.56	154	571645	42.515 ng		97
47) 2-Chloronaphthalene	13.61	162	461367	45.355 ng		99
48) 2-Nitroaniline	13.82	65	150583	48.815 ng		95
49) Acenaphthylene	14.45	152	755685	49.385 ng		99
50) Dimethylphthalate	14.18	163	685781	54.600 ng		99
51) 2,6-Dinitrotoluene	14.30	165	136514	49.132 ng		94
52) Acenaphthene	14.79	154	442374	46.942 ng		97
53) 3-Nitroaniline	14.64	138	113442	36.778 ng	#	97
54) 2,4-Dinitrophenol	14.84	184	71171	65.599 ng		92
55) Dibenzofuran	15.12	168	710766	45.522 ng		99
56) 4-Nitrophenol	14.93	139	197507	86.505 ng		97
57) 2,4-Dinitrotoluene	15.09	165	186458	51.123 ng		95
58) Fluorene	15.77	166	569142	48.676 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	160189	49.116 ng		99
60) Diethylphthalate	15.53	149	598623	46.424 ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	295381	43.342 ng		99
62) 4-Nitroaniline	15.80	138	143033	46.666 ng		90
63) Azobenzene	16.05	77	546392	44.411 ng		100
65) 4,6-Dinitro-2-methylphenol	15.85	198	87295	46.463 ng		97
66) n-Nitrosodiphenylamine	15.98	169	513155	47.308 ng		98
67) 4-Bromophenyl-phenylether	16.65	248	184716	46.645 ng		98
68) Hexachlorobenzene	16.77	284	186288	45.389 ng		99
69) Atrazine	16.92	200	189597	48.344 ng		98
70) Pentachlorophenol	17.11	266	212990	77.475 ng		94
71) Phenanthrene	17.52	178	895070	48.838 ng		99
72) Anthracene	17.61	178	902957	50.204 ng		99
73) Carbazole	17.88	167	829630	46.114 ng		99
74) Di-n-butylphthalate	18.41	149	963729	48.154 ng		100
75) Fluoranthene	19.52	202	1027914	49.451 ng		100
77) Benzidine	19.70	184	384554	35.285 ng		99
78) Pyrene	19.89	202	1025889	48.961 ng		99
80) Butylbenzylphthalate	20.75	149	438348	51.118 ng		100
81) Benzo(a)anthracene	21.74	228	948257	50.017 ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	247323	33.656 ng		99
83) Chrysene	21.81	228	883150	48.445 ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	625817	52.065 ng		99
85) Di-n-octyl phthalate	22.85	149	1060455	54.103 ng		98
86) Indeno(1,2,3-cd)pyrene	28.89	276	866568	44.319 ng		99
88) Benzo(b)fluoranthene	24.02	252	902613	50.830 ng		99
89) Benzo(k)fluoranthene	24.09	252	902852	51.896 ng		98
90) Benzo(a)pyrene	24.92	252	879573	52.127 ng		98
91) Dibenzo(a,h)anthracene	28.96	278	677976	43.559 ng		98
92) Benzo(g,h,i)perylene	30.10	276	728435	46.259 ng		98

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

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