Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030903.D
Acq On : 10 Nov 2017 11:47
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Nov 10 13:49:25 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 13:42:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39239	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	176047	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	123815	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	323541	20.00	ng		0.00
75) Chrysene-d12	21.81	240	398861	20.00	ng		0.02
86) Perylene-d12	25.16	264	401860	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	44973	19.15	ng		0.00
7) Phenol-d6	7.31	99	60169	18.25	ng		0.00
23) Nitrobenzene-d5	9.31	82	58529	21.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	41167	25.75	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	177168	20.99	ng		0.00
78) Terphenyl-d14	20.11	244	383169	21.85	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	9524	9.994	ng	#	84
3) Pyridine	3.97	79	25372	9.142	ng		87
4) n-Nitrosodimethylamine	3.88	42	12700	9.790	ng	#	92
6) Aniline	7.46	93	40308	9.873	ng	#	91
8) 2-Chlorophenol	7.71	128	24601	9.137	ng		86
9) Benzaldehyde	7.28	77	22153	13.359	ng		98
10) Phenol	7.34	94	30668	8.628	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	25695	9.922	ng		87
12) 1,3-Dichlorobenzene	8.03	146	30245	10.006	ng		95
13) 1,4-Dichlorobenzene	8.18	146	30988	10.041	ng		91
14) 1,2-Dichlorobenzene	8.50	146	29200	9.810	ng		93
15) Benzyl Alcohol	8.38	79	22883	9.849	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	27328	6.214	ng		90
17) 2-Methylphenol	8.59	107	21623	9.158	ng		93
18) Hexachloroethane	9.23	117	10398	9.887	ng		91
19) n-Nitroso-di-n-propylamine	8.95	70	22732	10.140	ng	#	95
20) 3+4-Methylphenols	8.92	107	30546	9.181	ng		96
22) Acetophenone	8.97	105	44300	10.442	ng	#	95
24) Nitrobenzene	9.36	77	30139	9.676	ng		95
25) Isophorone	9.87	82	56540	9.776	ng	#	94
26) 2-Nitrophenol	10.07	139	15597	10.477	ng		89
27) 2,4-Dimethylphenol	10.13	122	22869	8.490	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	35473	10.003	ng		94
29) 2,4-Dichlorophenol	10.62	162	27707	9.646	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	33635	10.839	ng		96
31) Naphthalene	11.01	128	86605	9.871	ng		98
32) Benzoic acid	10.23	122	12214	5.416	ng		86
33) 4-Chloroaniline	11.13	127	37117	10.057	ng	#	93
34) Hexachlorobutadiene	11.30	225	23231	12.041	ng		96
35) Caprolactam	11.87	113	12120	12.697	ng	#	85
36) 4-Chloro-3-methylphenol	12.24	107	29994	9.495	ng		90
37) 2-Methylnaphthalene	12.61	142	66303	10.369	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	47645	10.540	ng		96
40) Hexachlorocyclopentadiene	12.95	237	5050	3.307	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	26820	9.451	ng		92
43) 2,4,5-Trichlorophenol	13.31	196	29299	10.053	ng		88
45) 1,1'-Biphenyl	13.60	154	103196	9.697	ng		97
46) 2-Chloronaphthalene	13.65	162	73213	9.431	ng		96
47) 2-Nitroaniline	13.85	65	21587	10.124	ng	#	86
48) Acenaphthylene	14.50	152	120610	9.928	ng		99
49) Dimethylphthalate	14.22	163	109927	11.379	ng		98
50) 2,6-Dinitrotoluene	14.34	165	21810	10.770	ng	#	82
51) Acenaphthene	14.83	154	76230	9.644	ng		98
52) 3-Nitroaniline	14.67	138	23425	10.720	ng	#	77
53) 2,4-Dinitrophenol	14.90	184	6456	6.838	ng	#	50
54) Dibenzofuran	15.17	168	123273	10.924	ng		99
55) 4-Nitrophenol	15.00	139	15087	8.374	ng	#	79
56) 2,4-Dinitrotoluene	15.13	165	31872	11.626	ng	#	73
57) Fluorene	15.82	166	101165	10.852	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.40	232	28561	11.747	ng	#	89
59) Diethylphthalate	15.57	149	112326	11.667	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	59084	11.888	ng		93
61) 4-Nitroaniline	15.84	138	25742	11.472	ng		81
62) Azobenzene	16.10	77	83491	10.284	ng		93
64) 4,6-Dinitro-2-methylphenol	15.90	198	16747	9.834	ng		83
65) n-Nitrosodiphenylamine	16.01	169	99120	10.227	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	39327	10.593	ng		96
67) Hexachlorobenzene	16.82	284	43955	10.452	ng	#	91
68) Atrazine	16.95	200	42162	12.192	ng		98
69) Pentachlorophenol	17.17	266	20101	8.321	ng		99
70) Phenanthrene	17.56	178	173571	10.385	ng		99
71) Anthracene	17.65	178	175418	10.452	ng		97
72) Carbazole	17.92	167	165416	10.260	ng		100
73) Di-n-butylphthalate	18.46	149	206261	11.124	ng		98
74) Fluoranthene	19.56	202	229726	11.751	ng		100
76) Benzidine	19.74	184	130148	10.807	ng		99
77) Pyrene	19.93	202	235321	9.726	ng		98
79) Butylbenzylphthalate	20.79	149	96245	9.337	ng		88
80) Benzo(a)anthracene	21.79	228	256300	10.945	ng		99
81) 3,3'-Dichlorobenzidine	21.70	252	101131	10.463	ng	#	99
82) Chrysene	21.85	228	235510	10.501	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	155100	10.484	ng	#	98
84) Di-n-octyl phthalate	22.92	149	223968	8.687	ng		96
85) Indeno(1,2,3-cd)pyrene	29.00	276	270641	9.809	ng	#	91
87) Benzo(b)fluoranthene	24.09	252	242419	10.537	ng	#	97
88) Benzo(k)fluoranthene	24.16	252	247361	10.792	ng		99
89) Benzo(a)pyrene	25.00	252	231130	10.450	ng		98
90) Dibenzo(a,h)anthracene	29.07	278	234746	10.484	ng		97
91) Benzo(g,h,i)perylene	30.21	276	225977	10.862	ng		96

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

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