Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030662.D
Acq On : 2 Nov 2017 14:59
Operator : SJ/JU
Sample : I6249-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Manual Integrations APPROVED
Sohil
11/3/2017 1:24:44 PM

Quant Time: Nov 03 01:37:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	58910	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	262777	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	188046	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	473052	20.00	ng		0.00
75) Chrysene-d12	21.78	240	512006	20.00	ng		0.00
86) Perylene-d12	25.08	264	533091	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	511688	145.10	ng		0.00
7) Phenol-d6	7.31	99	644875	130.28	ng		0.00
23) Nitrobenzene-d5	9.32	82	420809	101.76	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	387228	159.49	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1102724	86.01	ng		0.00
78) Terphenyl-d14	20.10	244	1966257	87.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	74512	52.078	ng	#	82
3) Pyridine	3.99	79	187673	45.043	ng		91
4) n-Nitrosodimethylamine	3.89	42	92690	47.591	ng	#	95
6) Aniline	7.48	93	124331	20.285	ng		94
8) 2-Chlorophenol	7.72	128	210654	52.116	ng		91
9) Benzaldehyde	7.28	77	83268	33.446	ng		88
10) Phenol	7.34	94	247699	46.417	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	196966	50.660	ng		91
12) 1,3-Dichlorobenzene	8.04	146	226230	49.852	ng		97
13) 1,4-Dichlorobenzene	8.19	146	232930	50.274	ng		95
14) 1,2-Dichlorobenzene	8.51	146	223212	49.948	ng		96
15) Benzyl Alcohol	8.39	79	192463	55.176	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.68	45	312339	47.304	ng		94
17) 2-Methylphenol	8.60	107	186816	52.700	ng		95
18) Hexachloroethane	9.24	117	79621	50.427	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	164990	49.022	ng	#	97
20) 3+4-Methylphenols	8.92	107	256901	51.433	ng		94
22) Acetophenone	8.98	105	313459	49.498	ng	#	92
24) Nitrobenzene	9.36	77	236103	50.781	ng		91
25) Isophorone	9.88	82	469516	54.389	ng	#	93
26) 2-Nitrophenol	10.08	139	123428	55.544	ng	#	87
27) 2,4-Dimethylphenol	10.13	122	213427	53.085	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	287981	54.404	ng		94
29) 2,4-Dichlorophenol	10.62	162	246370	57.464	ng		91
30) 1,2,4-Trichlorobenzene	10.83	180	242392	52.332	ng		99
31) Naphthalene	11.02	128	675139	51.552	ng		99
32) Benzoic acid	10.26	122	103728	30.813	ng	#	85
33) 4-Chloroaniline	11.13	127	23341	4.237	ng	#	91
34) Hexachlorobutadiene	11.30	225	152765	53.046	ng		94
35) Caprolactam	11.89	113	69027m	48.444	ng		
36) 4-Chloro-3-methylphenol	12.24	107	254328	53.935	ng		90
37) 2-Methylnaphthalene	12.61	142	532668	55.807	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	301613	43.931	ng		98
40) Hexachlorocyclopentadiene	12.95	237	314721	118.619	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	217406	50.443	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	237527	53.664	ng		93
45) 1,1'-Biphenyl	13.61	154	721145	44.616	ng		96
46) 2-Chloronaphthalene	13.65	162	564778	47.905	ng		98
47) 2-Nitroaniline	13.85	65	170741	52.726	ng	#	78
48) Acenaphthylene	14.49	152	898520	48.697	ng		99
49) Dimethylphthalate	14.22	163	758534	51.700	ng		99
50) 2,6-Dinitrotoluene	14.34	165	173882	56.535	ng	#	76
51) Acenaphthene	14.83	154	568256	47.334	ng		99
52) 3-Nitroaniline	14.67	138	48322	14.560	ng	#	83
53) 2,4-Dinitrophenol	14.88	184	165465	96.229	ng	#	50
54) Dibenzofuran	15.17	168	916961	53.504	ng		99
55) 4-Nitrophenol	14.98	139	273022	99.783	ng	#	79
56) 2,4-Dinitrotoluene	15.13	165	249238	59.862	ng	#	74
57) Fluorene	15.82	166	721676	50.974	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	231115	62.586	ng		94
59) Diethylphthalate	15.57	149	762816	52.169	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	406742	53.884	ng		94
61) 4-Nitroaniline	15.83	138	165454	48.550	ng		86
62) Azobenzene	16.09	77	668512	54.217	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	121511	45.465	ng		81
65) n-Nitrosodiphenylamine	16.02	169	674154	47.574	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	275428	50.740	ng		98
67) Hexachlorobenzene	16.82	284	300507	48.874	ng		94
68) Atrazine	16.96	200	270323	53.463	ng		99
69) Pentachlorophenol	17.16	266	346153	98.002	ng		100
70) Phenanthrene	17.55	178	1222938	50.042	ng		97
71) Anthracene	17.64	178	1247190	50.825	ng		97
72) Carbazole	17.91	167	1160688	49.239	ng		99
73) Di-n-butylphthalate	18.45	149	1341978	49.499	ng		99
74) Fluoranthene	19.55	202	1513619	52.954	ng		95
76) Benzidine	19.72	184	531900	34.406	ng		98
77) Pyrene	19.91	202	1545166	49.749	ng		95
79) Butylbenzylphthalate	20.77	149	651715	49.251	ng		90
80) Benzo(a)anthracene	21.76	228	1560756	51.920	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	238033	19.184	ng		97
82) Chrysene	21.83	228	1469460	51.043	ng		95
83) Bis(2-ethylhexyl)phthalate	21.64	149	908069	47.817	ng		99
84) Di-n-octyl phthalate	22.88	149	1538050	46.470	ng		96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1922035	54.268	ng		98
87) Benzo(b)fluoranthene	24.03	252	1599002	52.392	ng		98
88) Benzo(k)fluoranthene	24.10	252	1563504	51.422	ng		97
89) Benzo(a)pyrene	24.93	252	1558347	53.113	ng		99
90) Dibenzo(a,h)anthracene	28.94	278	1594940	53.694	ng		96
91) Benzo(g,h,i)perylene	30.06	276	1588306	57.549	ng		96

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

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