Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030960.D
Acq On : 12 Nov 2017 1:52
Operator : SJ/JU
Sample : I6301-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-110917-AMSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:55:34 PM

Quant Time: Nov 13 06:20:38 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	8.14	152	41523	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	184557	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	136125	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	359009	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	440814	20.00	ng		0.00
86) Perylene-d12	25.08	264	448351	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	322345	133.12	ng		0.00
7) Phenol-d6	7.31	99	398576	122.18	ng		0.00
23) Nitrobenzene-d5	9.31	82	288335	92.58	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	334521	151.91	ng		-0.01
44) 2-Fluorobiphenyl	13.39	172	863501	91.15	ng		-0.01
78) Terphenyl-d14	20.09	244	1745943	87.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	35939	36.573	ng	#	85
3) Pyridine	3.97	79	105830	37.097	ng		92
4) n-Nitrosodimethylamine	3.88	42	56510	41.796	ng	#	87
6) Aniline	7.47	93	128742	29.987	ng		96
8) 2-Chlorophenol	7.71	128	136959	51.252	ng		88
9) Benzaldehyde	7.28	77	57560	25.214	ng		90
10) Phenol	7.34	94	150215	44.339	ng		96
11) bis(2-Chloroethyl)ether	7.55	93	122320	45.219	ng		92
12) 1,3-Dichlorobenzene	8.03	146	139259	44.417	ng		94
13) 1,4-Dichlorobenzene	8.18	146	143248	45.087	ng		97
14) 1,2-Dichlorobenzene	8.50	146	138487	45.414	ng		97
15) Benzyl Alcohol	8.38	79	128606	49.147	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.67	45	183330	61.357	ng		93
17) 2-Methylphenol	8.59	107	120706	51.164	ng		97
18) Hexachloroethane	9.23	117	49581	44.838	ng		91
19) n-Nitroso-di-n-propylamine	8.95	70	106519	42.943	ng	#	96
20) 3+4-Methylphenols	8.92	107	163759	48.815	ng		95
22) Acetophenone	8.96	105	211057	45.929	ng	#	96
24) Nitrobenzene	9.35	77	153595	48.277	ng		92
25) Isophorone	9.87	82	313015	51.532	ng	#	91
26) 2-Nitrophenol	10.07	139	84676	51.060	ng	#	87
27) 2,4-Dimethylphenol	10.12	122	143651	58.348	ng		93
28) bis(2-Chloroethoxy)methane	10.35	93	183908	48.072	ng		96
29) 2,4-Dichlorophenol	10.61	162	169839	57.448	ng		92
30) 1,2,4-Trichlorobenzene	10.81	180	172034	48.740	ng		99
31) Naphthalene	11.01	128	486651	53.639	ng		99
32) Benzoic acid	10.24	122	10869	10.337	ng	#	78
33) 4-Chloroaniline	11.12	127	42381	10.671	ng		93
34) Hexachlorobutadiene	11.28	225	117833	48.137	ng		97
35) Caprolactam	11.88	113	45583m	37.744	ng		
36) 4-Chloro-3-methylphenol	12.24	107	174471	54.223	ng	#	87
37) 2-Methylnaphthalene	12.60	142	360011	51.402	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	236203	43.719	ng		96
40) Hexachlorocyclopentadiene	12.94	237	183411	90.219	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	164650	53.310	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	176566	52.250	ng	#	90
45) 1,1'-Biphenyl	13.59	154	498413	44.155	ng		95
46) 2-Chloronaphthalene	13.65	162	395453	48.556	ng		96
47) 2-Nitroaniline	13.85	65	119375	49.452	ng	#	80
48) Acenaphthylene	14.49	152	613311	46.010	ng		99
49) Dimethylphthalate	14.21	163	564492	47.961	ng		99
50) 2,6-Dinitrotoluene	14.33	165	128600	53.010	ng	#	75
51) Acenaphthene	14.83	154	390981	46.965	ng		98
52) 3-Nitroaniline	14.66	138	77661	30.149	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	20553	20.136	ng	#	50
54) Dibenzofuran	15.16	168	660061	49.777	ng		99
55) 4-Nitrophenol	14.99	139	163284	88.986	ng	#	86
56) 2,4-Dinitrotoluene	15.12	165	186214	53.096	ng	#	74
57) Fluorene	15.80	166	527694	49.017	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	184770	57.369	ng	#	88
59) Diethylphthalate	15.56	149	562778	47.072	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	324208	49.864	ng		92
61) 4-Nitroaniline	15.83	138	129144	47.346	ng		91
62) Azobenzene	16.08	77	442609	48.543	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	34533	14.471	ng	#	72
65) n-Nitrosodiphenylamine	16.00	169	499896	45.951	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	231021	50.807	ng		91
67) Hexachlorobenzene	16.81	284	250018	51.749	ng	#	91
68) Atrazine	16.94	200	215415	47.992	ng		97
69) Pentachlorophenol	17.15	266	185812	69.575	ng		97
70) Phenanthrene	17.54	178	930947	49.803	ng		98
71) Anthracene	17.64	178	948358	50.633	ng		99
72) Carbazole	17.90	167	857926	48.885	ng		99
73) Di-n-butylphthalate	18.44	149	1006374	46.703	ng		99
74) Fluoranthene	19.55	202	1232647	52.082	ng		96
76) Benzidine	19.72	184	361891	25.558	ng		99
77) Pyrene	19.90	202	1253581	47.924	ng		97
79) Butylbenzylphthalate	20.77	149	482855	46.297	ng		86
80) Benzo(a)anthracene	21.75	228	1319247	48.180	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	274957	24.876	ng	#	99
82) Chrysene	21.83	228	1231398	48.616	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	665917	44.232	ng	#	98
84) Di-n-octyl phthalate	22.87	149	1114529	45.484	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1544051	50.144	ng	#	86
87) Benzo(b)fluoranthene	24.03	252	1337415	49.314	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	1299080m	48.325	ng		
89) Benzo(a)pyrene	24.93	252	1292235	50.156	ng	#	97
90) Dibenzo(a,h)anthracene	28.93	278	1283880	48.754	ng	#	96
91) Benzo(g,h,i)perylene	30.07	276	1277471	49.981	ng	#	95

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

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