Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030959.D
Acq On : 12 Nov 2017 1:14
Operator : SJ/JU
Sample : I6301-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
SOHIL
11/13/2017 4:55:31 PM

Quant Time: Nov 13 06:17:05 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	42931	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	190776	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	133047	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	355605	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	447692	20.00	ng		0.00
86) Perylene-d12	25.08	264	456988	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	349437	139.57	ng		0.00
7) Phenol-d6	7.31	99	425708	126.21	ng		0.00
23) Nitrobenzene-d5	9.31	82	304363	94.54	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	342411	159.09	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	887215	95.82	ng		-0.02
78) Terphenyl-d14	20.09	244	1776975	87.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	39636	39.012	ng		86
3) Pyridine	3.97	79	108672	36.843	ng		95
4) n-Nitrosodimethylamine	3.88	42	61652	44.103	ng	#	93
6) Aniline	7.46	93	58673	13.218	ng		94
8) 2-Chlorophenol	7.71	128	143766	52.035	ng		91
9) Benzaldehyde	7.27	77	69358	29.385	ng		94
10) Phenol	7.34	94	157948	45.092	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	130932	46.815	ng		90
12) 1,3-Dichlorobenzene	8.03	146	154047	47.522	ng		96
13) 1,4-Dichlorobenzene	8.18	146	154880	47.150	ng		96
14) 1,2-Dichlorobenzene	8.50	146	151608	48.086	ng		99
15) Benzyl Alcohol	8.38	79	134852	49.844	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	195963	63.434	ng		93
17) 2-Methylphenol	8.59	107	123453	50.612	ng		96
18) Hexachloroethane	9.23	117	55557	48.595	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	108876	42.454	ng	#	95
20) 3+4-Methylphenols	8.92	107	168400	48.552	ng		93
22) Acetophenone	8.97	105	219998	46.314	ng	#	93
24) Nitrobenzene	9.35	77	159909	48.623	ng		90
25) Isophorone	9.87	82	314925	50.156	ng	#	91
26) 2-Nitrophenol	10.06	139	89029	51.935	ng		89
27) 2,4-Dimethylphenol	10.12	122	146655	57.626	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	188749	47.729	ng		95
29) 2,4-Dichlorophenol	10.61	162	171711	56.188	ng		90
30) 1,2,4-Trichlorobenzene	10.82	180	183151	50.198	ng		98
31) Naphthalene	11.00	128	504011	53.742	ng		99
32) Benzoic acid	10.22	122	11379	10.397	ng	#	76
33) 4-Chloroaniline	11.13	127	10748	2.618	ng	#	88
34) Hexachlorobutadiene	11.29	225	127507	50.391	ng		99
35) Caprolactam	11.88	113	46152m	36.969	ng		
36) 4-Chloro-3-methylphenol	12.24	107	175265	52.694	ng		89
37) 2-Methylnaphthalene	12.60	142	369594	51.050	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	243282	46.071	ng		95
40) Hexachlorocyclopentadiene	12.94	237	193494	96.534	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	163499	54.162	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	177573	53.763	ng		92
45) 1,1'-Biphenyl	13.60	154	499721	45.295	ng		98
46) 2-Chloronaphthalene	13.64	162	400136	50.267	ng		98
47) 2-Nitroaniline	13.84	65	117840	49.946	ng	#	84
48) Acenaphthylene	14.48	152	613065	47.056	ng		99
49) Dimethylphthalate	14.21	163	552292	48.010	ng		99
50) 2,6-Dinitrotoluene	14.34	165	124681	52.584	ng	#	77
51) Acenaphthene	14.82	154	387653	47.642	ng		99
52) 3-Nitroaniline	14.67	138	28540	11.336	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	25278	23.823	ng	#	49
54) Dibenzofuran	15.16	168	645594	49.813	ng		98
55) 4-Nitrophenol	14.99	139	164226	91.570	ng	#	86
56) 2,4-Dinitrotoluene	15.12	165	181268	52.881	ng	#	75
57) Fluorene	15.81	166	521926	49.603	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	182915	58.107	ng	#	87
59) Diethylphthalate	15.56	149	551682	47.212	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	318195	50.072	ng		92
61) 4-Nitroaniline	15.83	138	120682	45.268	ng		93
62) Azobenzene	16.08	77	432858	48.572	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	40943	17.322	ng		80
65) n-Nitrosodiphenylamine	16.00	169	488543	45.337	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	227045	50.411	ng		96
67) Hexachlorobenzene	16.81	284	243701	50.924	ng	#	92
68) Atrazine	16.94	200	212497	47.795	ng		97
69) Pentachlorophenol	17.16	266	192421	72.739	ng		98
70) Phenanthrene	17.54	178	932185	50.347	ng		98
71) Anthracene	17.63	178	929880	50.122	ng		99
72) Carbazole	17.90	167	860813	49.519	ng		99
73) Di-n-butylphthalate	18.44	149	991122	46.436	ng		99
74) Fluoranthene	19.54	202	1239963	52.893	ng		96
76) Benzidine	19.71	184	148959	10.358	ng		98
77) Pyrene	19.91	202	1270079	47.809	ng		98
79) Butylbenzylphthalate	20.77	149	487138	45.990	ng	#	84
80) Benzo(a)anthracene	21.76	228	1342993	48.294	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	141022	12.563	ng		99
82) Chrysene	21.82	228	1258073	48.906	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	673789	44.068	ng	#	99
84) Di-n-octyl phthalate	22.87	149	1139452	45.787	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1566787	50.101	ng	#	94
87) Benzo(b)fluoranthene	24.03	252	1352345	48.922	ng	#	96
88) Benzo(k)fluoranthene	24.10	252	1331137	48.582	ng	#	97
89) Benzo(a)pyrene	24.92	252	1317796	50.181	ng	#	98
90) Dibenzo(a,h)anthracene	28.93	278	1303954	48.580	ng	#	96
91) Benzo(g,h,i)perylene	30.06	276	1298998	49.863	ng	#	95

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

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