Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030918.D
Acq On : 10 Nov 2017 22:22
Operator : SJ/JU
Sample : PB104078BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB104078BSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:07 PM

Quant Time: Nov 11 06:07:11 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	35425	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	150031	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	104596	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	278752	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	352836	20.00	ng		0.00
86) Perylene-d12	25.08	264	351291	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	152098	73.62	ng		0.00
7) Phenol-d6	7.31	99	202029	72.59	ng		0.00
23) Nitrobenzene-d5	9.31	82	172795	68.25	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	120238	71.06	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	504125	69.25	ng		-0.02
78) Terphenyl-d14	20.09	244	1012143	63.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	30646	36.555	ng		87
3) Pyridine	3.95	79	91189	37.467	ng		90
4) n-Nitrosodimethylamine	3.87	42	45234	39.215	ng	#	90
6) Aniline	7.46	93	69336	18.930	ng		93
8) 2-Chlorophenol	7.71	128	104650	45.903	ng		87
9) Benzaldehyde	7.28	77	56000	28.753	ng		90
10) Phenol	7.34	94	130189	45.043	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	90805	39.347	ng		91
12) 1,3-Dichlorobenzene	8.03	146	109731	41.024	ng		96
13) 1,4-Dichlorobenzene	8.18	146	111919	41.290	ng		93
14) 1,2-Dichlorobenzene	8.50	146	105787	40.662	ng		97
15) Benzyl Alcohol	8.38	79	90908	40.721	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	140995	55.311	ng		91
17) 2-Methylphenol	8.59	107	90260	44.845	ng		97
18) Hexachloroethane	9.23	117	38410	40.715	ng	#	85
19) n-Nitroso-di-n-propylamine	8.94	70	76181	35.999	ng	#	97
20) 3+4-Methylphenols	8.92	107	124518	43.507	ng		97
22) Acetophenone	8.97	105	147670	39.530	ng	#	94
24) Nitrobenzene	9.35	77	113577	43.914	ng	#	92
25) Isophorone	9.87	82	212951	43.126	ng	#	94
26) 2-Nitrophenol	10.07	139	60340	44.759	ng		89
27) 2,4-Dimethylphenol	10.12	122	101909	50.919	ng		93
28) bis(2-Chloroethoxy)methane	10.35	93	131943	42.426	ng		97
29) 2,4-Dichlorophenol	10.61	162	118167	49.168	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	122957	42.852	ng		98
31) Naphthalene	11.01	128	312222	42.333	ng		98
32) Benzoic acid	10.26	122	56624	35.624	ng	#	83
33) 4-Chloroaniline	11.12	127	47566	14.732	ng		97
34) Hexachlorobutadiene	11.29	225	82153	41.284	ng		97
35) Caprolactam	11.88	113	42861m	43.657	ng		
36) 4-Chloro-3-methylphenol	12.23	107	120660	46.129	ng		93
37) 2-Methylnaphthalene	12.60	142	245406	43.102	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	157796	38.011	ng		96
40) Hexachlorocyclopentadiene	12.94	237	140102	89.751	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	107602	45.341	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	116025	44.684	ng		93
45) 1,1'-Biphenyl	13.60	154	337452	38.906	ng		99
46) 2-Chloronaphthalene	13.65	162	270573	43.237	ng		96
47) 2-Nitroaniline	13.85	65	81323	43.844	ng	#	82
48) Acenaphthylene	14.49	152	422300	41.230	ng		99
49) Dimethylphthalate	14.21	163	380459	42.069	ng		99
50) 2,6-Dinitrotoluene	14.34	165	83344	44.711	ng	#	80
51) Acenaphthene	14.83	154	259570	40.578	ng		100
52) 3-Nitroaniline	14.67	138	35831	18.103	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	93944	90.756	ng	#	49
54) Dibenzofuran	15.16	168	436543	42.845	ng		100
55) 4-Nitrophenol	14.99	139	129491	91.842	ng	#	83
56) 2,4-Dinitrotoluene	15.12	165	121609	45.127	ng	#	76
57) Fluorene	15.80	166	348073	42.078	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	119094	48.124	ng	#	89
59) Diethylphthalate	15.56	149	385559	41.970	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	209134	41.861	ng		91
61) 4-Nitroaniline	15.83	138	87370	41.687	ng		88
62) Azobenzene	16.09	77	308243	43.997	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	71271	38.466	ng		77
65) n-Nitrosodiphenylamine	16.00	169	332455	39.358	ng		100
66) 4-Bromophenyl-phenylether	16.69	248	146534	41.505	ng		95
67) Hexachlorobenzene	16.81	284	156398	41.691	ng	#	91
68) Atrazine	16.94	200	145741	41.818	ng		97
69) Pentachlorophenol	17.16	266	165226	79.679	ng		98
70) Phenanthrene	17.54	178	621136	42.796	ng		100
71) Anthracene	17.64	178	639929	44.003	ng		99
72) Carbazole	17.90	167	594774	43.648	ng		99
73) Di-n-butylphthalate	18.44	149	707244	42.271	ng		100
74) Fluoranthene	19.55	202	843404	45.896	ng		98
76) Benzidine	19.72	184	257999	22.764	ng		98
77) Pyrene	19.91	202	877913	41.931	ng		98
79) Butylbenzylphthalate	20.77	149	350981	42.044	ng		85
80) Benzo(a)anthracene	21.76	228	934584	42.643	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	152619	17.251	ng		99
82) Chrysene	21.83	228	873855	43.103	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	491723	40.806	ng		99
84) Di-n-octyl phthalate	22.87	149	824430	42.034	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1050463	42.621	ng	#	88
87) Benzo(b)fluoranthene	24.03	252	945316	44.486	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	898787	42.672	ng		98
89) Benzo(a)pyrene	24.92	252	901041	44.635	ng		97
90) Dibenzo(a,h)anthracene	28.93	278	883521	42.820	ng		96
91) Benzo(g,h,i)perylene	30.06	276	868637	43.376	ng		96

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

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