Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033481.D
Acq On : 2 Apr 2018 11:16
Operator : SJ/JU
Sample : PB107734BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107734BS

Manual Integrations APPROVED
Sohil
4/3/2018 12:07:57 PM

Quant Time: Apr 03 04:10:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38366	20.00	ng		-0.02
21) Naphthalene-d8	11.75	136	170617	20.00	ng		-0.01
38) Acenaphthene-d10	15.48	164	127931	20.00	ng		0.00
63) Phenanthrene-d10	18.22	188	330455	20.00	ng		0.00
75) Chrysene-d12	22.56	240	340981	20.00	ng		0.00
86) Perylene-d12	26.32	264	374078	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	350454	171.28	ng		0.00
7) Phenol-d6	7.98	99	536744	152.68	ng		0.00
23) Nitrobenzene-d5	10.07	82	337498	90.88	ng		-0.01
41) 2,4,6-Tribromophenol	16.96	330	259015	135.37	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	818260	92.34	ng		0.00
78) Terphenyl-d14	20.73	244	1467841	92.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	40091	38.584	ng		86
3) Pyridine	4.38	79	112670	39.226	ng		98
4) n-Nitrosodimethylamine	4.29	42	57936	49.150	ng	#	89
6) Aniline	8.16	93	92782	22.442	ng		98
8) 2-Chlorophenol	8.42	128	124871	53.385	ng		94
9) Benzaldehyde	7.96	77	58407m	26.143	ng		
10) Phenol	8.01	94	177959	51.271	ng		86
11) bis(2-Chloroethyl)ether	8.24	93	117257	41.388	ng		99
12) 1,3-Dichlorobenzene	8.74	146	125876m	41.162	ng		
13) 1,4-Dichlorobenzene	8.90	146	123245	40.241	ng		93
14) 1,2-Dichlorobenzene	9.23	146	126459	42.306	ng		98
15) Benzyl Alcohol	9.10	79	131828	47.627	ng		87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	202314	43.805	ng		86
17) 2-Methylphenol	9.31	107	111147m	47.007	ng		
18) Hexachloroethane	9.98	117	50497	42.720	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	111054	43.110	ng		99
20) 3+4-Methylphenols	9.64	107	160734	47.744	ng		91
22) Acetophenone	9.71	105	204229	43.692	ng	#	95
24) Nitrobenzene	10.11	77	172550	43.410	ng		94
25) Isophorone	10.62	82	328687	45.603	ng		98
26) 2-Nitrophenol	10.84	139	68719	45.664	ng	#	93
27) 2,4-Dimethylphenol	10.87	122	123050	56.287	ng		89
28) bis(2-Chloroethoxy)methane	11.11	93	171915	47.805	ng		97
29) 2,4-Dichlorophenol	11.38	162	137469	51.132	ng		98
30) 1,2,4-Trichlorobenzene	11.60	180	145475	41.647	ng		97
31) Naphthalene	11.80	128	381627	43.164	ng		98
32) Benzoic acid	11.00	122	47154	23.203	ng	#	86
33) 4-Chloroaniline	11.90	127	78681	19.863	ng		98
34) Hexachlorobutadiene	12.06	225	102143	38.668	ng		93
35) Caprolactam	12.65	113	50709	48.145	ng		98
36) 4-Chloro-3-methylphenol	12.97	107	169878	48.446	ng		95
37) 2-Methylnaphthalene	13.35	142	300729	43.822	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	194966	42.073	ng		99
40) Hexachlorocyclopentadiene	13.67	237	249663	91.904	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	124393	46.202	ng		93
43) 2,4,5-Trichlorophenol	14.01	196	142385	44.742	ng		98
45) 1,1'-Biphenyl	14.32	154	422725	43.010	ng		98
46) 2-Chloronaphthalene	14.38	162	323412	42.676	ng		95
47) 2-Nitroaniline	14.57	65	131799	46.432	ng		92
48) Acenaphthylene	15.21	152	532020	42.058	ng		99
49) Dimethylphthalate	14.91	163	467777	42.015	ng		98
50) 2,6-Dinitrotoluene	15.04	165	103285	45.370	ng		96
51) Acenaphthene	15.55	154	347989	42.674	ng		98
52) 3-Nitroaniline	15.38	138	59978	25.130	ng	#	91
53) 2,4-Dinitrophenol	15.58	184	51766	47.358	ng		85
54) Dibenzofuran	15.88	168	526300	43.693	ng		94
55) 4-Nitrophenol	15.67	139	153396	91.403	ng	#	82
56) 2,4-Dinitrotoluene	15.82	165	149381	44.566	ng		93
57) Fluorene	16.52	166	437910	42.674	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	143645	47.947	ng		97
59) Diethylphthalate	16.25	149	462279	42.761	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	248305	42.094	ng		98
61) 4-Nitroaniline	16.54	138	99524	41.178	ng	#	86
62) Azobenzene	16.78	77	466276	44.524	ng		96
64) 4,6-Dinitro-2-methylphenol	16.58	198	56976	28.821	ng		97
65) n-Nitrosodiphenylamine	16.71	169	404993	42.929	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	163280	42.073	ng		93
67) Hexachlorobenzene	17.51	284	170556	41.642	ng		97
68) Atrazine	17.62	200	173754	45.451	ng		97
69) Pentachlorophenol	17.85	266	204326	72.685	ng		98
70) Phenanthrene	18.26	178	748724	43.505	ng		98
71) Anthracene	18.34	178	781726	44.861	ng		100
72) Carbazole	18.60	167	693188	44.891	ng		96
73) Di-n-butylphthalate	19.10	149	819034	45.569	ng	#	98
74) Fluoranthene	20.21	202	953698	44.780	ng		97
76) Benzidine	20.37	184	306183	33.112	ng		99
77) Pyrene	20.57	202	964818	42.425	ng		99
79) Butylbenzylphthalate	21.42	149	372406	44.376	ng		94
80) Benzo(a)anthracene	22.54	228	937407	43.174	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	208675	27.009	ng		99
82) Chrysene	22.61	228	898537	42.752	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	517530	44.736	ng		98
84) Di-n-octyl phthalate	23.76	149	899231	50.767	ng		98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1061694	46.722	ng	#	88
87) Benzo(b)fluoranthene	25.12	252	933141	43.176	ng	#	98
88) Benzo(k)fluoranthene	25.20	252	925901m	42.359	ng		
89) Benzo(a)pyrene	26.15	252	923228	44.482	ng	#	98
90) Dibenzo(a,h)anthracene	30.78	278	898498	45.958	ng		98
91) Benzo(g,h,i)perylene	32.09	276	882586	45.589	ng	#	95

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

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