Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028709.D
Acq On : 13 Sep 2017 22:03
Operator : SJ/JU
Sample : PB102294BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102294BS

Manual Integrations APPROVED
Sohil
9/14/2017 5:54:34 PM

Quant Time: Sep 14 08:57:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	23390	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	104391	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	86006	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	244310	20.00	ng		0.00
75) Chrysene-d12	22.03	240	284518	20.00	ng		0.00
86) Perylene-d12	25.53	264	287627	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	237078	167.25	ng		0.00
7) Phenol-d6	7.49	99	346055	162.14	ng		0.00
23) Nitrobenzene-d5	9.50	82	208988	95.77	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	247252	173.82	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	588595	91.25	ng		0.00
78) Terphenyl-d14	20.28	244	1192464	89.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	21689	37.783	ng	#	90
3) Pyridine	4.23	79	67036	40.938	ng		94
4) n-Nitrosodimethylamine	4.14	42	34474	46.281	ng	#	71
6) Aniline	7.66	93	72804	29.310	ng		96
8) 2-Chlorophenol	7.90	128	82127	51.972	ng		96
9) Benzaldehyde	7.47	77	48759	36.823	ng		98
10) Phenol	7.52	94	119047	52.853	ng		86
11) bis(2-Chloroethyl)ether	7.74	93	72666	44.935	ng		96
12) 1,3-Dichlorobenzene	8.22	146	80212	47.140	ng		89
13) 1,4-Dichlorobenzene	8.36	146	79941	45.688	ng		95
14) 1,2-Dichlorobenzene	8.68	146	79222	45.830	ng		93
15) Benzyl Alcohol	8.57	79	85960	51.594	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.84	45	134132	45.638	ng		96
17) 2-Methylphenol	8.77	107	76675	52.094	ng		92
18) Hexachloroethane	9.41	117	29318	45.717	ng		89
19) n-Nitroso-di-n-propylamine	9.13	70	68135	45.034	ng	#	92
20) 3+4-Methylphenols	9.10	107	109668	53.270	ng		92
22) Acetophenone	9.15	105	125990	41.277	ng	#	86
24) Nitrobenzene	9.54	77	106570	44.103	ng		95
25) Isophorone	10.06	82	194711	44.097	ng	#	98
26) 2-Nitrophenol	10.25	139	46949	45.651	ng		96
27) 2,4-Dimethylphenol	10.30	122	89308	47.508	ng		93
28) bis(2-Chloroethoxy)methane	10.53	93	110748	46.187	ng		97
29) 2,4-Dichlorophenol	10.80	162	96375	51.526	ng		91
30) 1,2,4-Trichlorobenzene	11.01	180	94533	44.304	ng		99
31) Naphthalene	11.20	128	247153	45.331	ng		98
32) Benzoic acid	10.45	122	56717	43.183	ng	#	83
33) 4-Chloroaniline	11.31	127	32075	14.043	ng		95
34) Hexachlorobutadiene	11.47	225	64178	40.836	ng		95
35) Caprolactam	12.09	113	39321m	58.624	ng		
36) 4-Chloro-3-methylphenol	12.42	107	121332	49.845	ng		93
37) 2-Methylnaphthalene	12.79	142	201204	49.428	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	131038	37.055	ng		97
40) Hexachlorocyclopentadiene	13.11	237	113379	82.290	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	100173m	44.632	ng		
43) 2,4,5-Trichlorophenol	13.47	196	108686	48.191	ng	#	91
45) 1,1'-Biphenyl	13.77	154	281076	39.472	ng		94
46) 2-Chloronaphthalene	13.83	162	225810	43.476	ng		98
47) 2-Nitroaniline	14.03	65	96249	49.862	ng	#	88
48) Acenaphthylene	14.67	152	380412	45.844	ng		97
49) Dimethylphthalate	14.38	163	348050	48.259	ng		97
50) 2,6-Dinitrotoluene	14.51	165	78294	48.788	ng	#	81
51) Acenaphthene	15.01	154	227975	45.227	ng		90
52) 3-Nitroaniline	14.85	138	35201	24.805	ng		90
53) 2,4-Dinitrophenol	15.07	184	85244	98.728	ng		98
54) Dibenzofuran	15.34	168	398894	49.623	ng		96
55) 4-Nitrophenol	15.16	139	113627	109.285	ng	#	76
56) 2,4-Dinitrotoluene	15.31	165	116893	51.804	ng	#	88
57) Fluorene	15.99	166	355485	49.535	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	115760	58.239	ng	#	92
59) Diethylphthalate	15.74	149	377139	50.886	ng		97
60) 4-Chlorophenyl-phenylether	15.97	204	199372	48.788	ng		89
61) 4-Nitroaniline	16.02	138	78325	52.097	ng		89
62) Azobenzene	16.26	77	342151	54.891	ng		91
64) 4,6-Dinitro-2-methylphenol	16.08	198	72388	45.919	ng		94
65) n-Nitrosodiphenylamine	16.19	169	321155	45.856	ng		98
66) 4-Bromophenyl-phenylether	16.86	248	145049	46.141	ng		100
67) Hexachlorobenzene	17.00	284	155860	43.562	ng	#	85
68) Atrazine	17.13	200	144850	48.169	ng		99
69) Pentachlorophenol	17.35	266	156297	96.685	ng		99
70) Phenanthrene	17.74	178	615802	49.290	ng		94
71) Anthracene	17.83	178	623091	49.371	ng		98
72) Carbazole	18.10	167	550674	48.447	ng	#	96
73) Di-n-butylphthalate	18.62	149	656037	47.071	ng	#	94
74) Fluoranthene	19.74	202	759611	49.795	ng		92
76) Benzidine	19.91	184	203001	27.514	ng		98
77) Pyrene	20.09	202	782888	47.705	ng		96
79) Butylbenzylphthalate	20.96	149	305964	46.163	ng		93
80) Benzo(a)anthracene	22.00	228	819097	47.828	ng		94
81) 3,3'-Dichlorobenzidine	21.90	252	196911	28.359	ng	#	97
82) Chrysene	22.07	228	764973	47.076	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	428065	45.429	ng		99
84) Di-n-octyl phthalate	23.16	149	738756	44.874	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.56	276	978301	46.857	ng	#	74
87) Benzo(b)fluoranthene	24.41	252	825857	47.925	ng		99
88) Benzo(k)fluoranthene	24.48	252	825658	47.967	ng		93
89) Benzo(a)pyrene	25.36	252	799547	48.882	ng		96
90) Dibenzo(a,h)anthracene	29.61	278	829262	48.628	ng		99
91) Benzo(g,h,i)perylene	30.81	276	798581	47.994	ng		100

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

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