Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028734.D
Acq On : 14 Sep 2017 16:02
Operator : SJ/JU
Sample : I5187-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170600-COMP-AMSD

Manual Integrations APPROVED
Sohil
9/15/2017 5:45:56 PM

Quant Time: Sep 15 08:37:04 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	28630	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	126540	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	100873	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	279070	20.00	ng		0.00
75) Chrysene-d12	22.02	240	328646	20.00	ng		0.00
86) Perylene-d12	25.52	264	334807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	262024	151.01	ng		0.00
7) Phenol-d6	7.48	99	396515	151.78	ng		0.00
23) Nitrobenzene-d5	9.50	82	241787	91.41	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	270567	162.17	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	594840	78.63	ng		0.00
78) Terphenyl-d14	20.28	244	1102457	71.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	24871	35.396	ng		95
3) Pyridine	4.23	79	76505	38.170	ng	#	91
4) n-Nitrosodimethylamine	4.15	42	40942	44.904	ng	#	76
6) Aniline	7.65	93	144584	47.555	ng		97
8) 2-Chlorophenol	7.89	128	98224	50.782	ng		93
9) Benzaldehyde	7.47	77	57121	35.243	ng		84
10) Phenol	7.51	94	154755	56.131	ng		88
11) bis(2-Chloroethyl)ether	7.74	93	88013	44.464	ng		90
12) 1,3-Dichlorobenzene	8.22	146	90036	43.229	ng		88
13) 1,4-Dichlorobenzene	8.36	146	95152	44.428	ng		96
14) 1,2-Dichlorobenzene	8.69	146	93787	44.325	ng		99
15) Benzyl Alcohol	8.56	79	107510	52.718	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.85	45	157313	43.729	ng		97
17) 2-Methylphenol	8.76	107	92607	51.403	ng		90
18) Hexachloroethane	9.42	117	31695	40.378	ng		86
19) n-Nitroso-di-n-propylamine	9.13	70	89278	48.209	ng	#	90
20) 3+4-Methylphenols	9.09	107	132495	52.579	ng		94
22) Acetophenone	9.16	105	164853	44.556	ng	#	85
24) Nitrobenzene	9.54	77	131378	44.853	ng		95
25) Isophorone	10.06	82	258451	48.288	ng		98
26) 2-Nitrophenol	10.26	139	59888	48.040	ng	#	88
27) 2,4-Dimethylphenol	10.30	122	116097	50.948	ng		99
28) bis(2-Chloroethoxy)methane	10.53	93	139398	47.959	ng		95
29) 2,4-Dichlorophenol	10.80	162	117923	52.011	ng		92
30) 1,2,4-Trichlorobenzene	11.01	180	118275	45.728	ng		99
31) Naphthalene	11.20	128	315826	47.787	ng		100
32) Benzoic acid	10.42	122	16869	15.188	ng		98
33) 4-Chloroaniline	11.31	127	124613	45.009	ng		94
34) Hexachlorobutadiene	11.47	225	83596	43.881	ng		99
35) Caprolactam	12.09	113	48185m	59.265	ng		
36) 4-Chloro-3-methylphenol	12.41	107	153385	51.983	ng		90
37) 2-Methylnaphthalene	12.78	142	260525	52.799	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	167996	40.504	ng	#	97
40) Hexachlorocyclopentadiene	13.12	237	152299	93.142	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	123621	46.961	ng		98
43) 2,4,5-Trichlorophenol	13.46	196	137547	52.000	ng	#	91
45) 1,1'-Biphenyl	13.78	154	366724	43.909	ng		96
46) 2-Chloronaphthalene	13.82	162	287554	47.204	ng		100
47) 2-Nitroaniline	14.03	65	120424	53.191	ng		90
48) Acenaphthylene	14.67	152	470210	48.314	ng		98
49) Dimethylphthalate	14.39	163	503493	59.523	ng		98
50) 2,6-Dinitrotoluene	14.52	165	99112	52.658	ng	#	82
51) Acenaphthene	15.01	154	286416	48.446	ng		95
52) 3-Nitroaniline	14.85	138	81393	48.901	ng		91
53) 2,4-Dinitrophenol	15.07	184	67631	69.374	ng		93
54) Dibenzofuran	15.34	168	499398	52.970	ng		94
55) 4-Nitrophenol	15.16	139	130672	107.156	ng	#	79
56) 2,4-Dinitrotoluene	15.31	165	144497	54.600	ng	#	84
57) Fluorene	15.99	166	430534	51.150	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	142689	61.206	ng	#	91
59) Diethylphthalate	15.74	149	450333	51.806	ng		97
60) 4-Chlorophenyl-phenylether	15.97	204	247583	51.657	ng		90
61) 4-Nitroaniline	16.02	138	98784	56.021	ng	#	77
62) Azobenzene	16.26	77	403832	55.238	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	82987	46.085	ng		96
65) n-Nitrosodiphenylamine	16.18	169	381430	47.679	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	175607	48.904	ng		94
67) Hexachlorobenzene	17.00	284	185017	45.270	ng	#	84
68) Atrazine	17.13	200	172795	50.305	ng		97
69) Pentachlorophenol	17.35	266	187382	101.476	ng		97
70) Phenanthrene	17.74	178	725913	50.866	ng		96
71) Anthracene	17.83	178	738699	51.241	ng		97
72) Carbazole	18.10	167	640934	49.365	ng		96
73) Di-n-butylphthalate	18.62	149	763574	47.963	ng	#	94
74) Fluoranthene	19.73	202	910652	52.261	ng		93
76) Benzidine	19.91	184	548136	64.316	ng		98
77) Pyrene	20.10	202	916689	48.358	ng		95
79) Butylbenzylphthalate	20.96	149	356810	46.606	ng		90
80) Benzo(a)anthracene	22.00	228	964397	48.751	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	314688	39.235	ng	#	96
82) Chrysene	22.08	228	912908	48.637	ng		96
83) Bis(2-ethylhexyl)phthalate	21.85	149	507102	46.591	ng		100
84) Di-n-octyl phthalate	23.15	149	868576	45.675	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.56	276	1160155	48.106	ng	#	99
87) Benzo(b)fluoranthene	24.40	252	981102m	48.911	ng		
88) Benzo(k)fluoranthene	24.48	252	980199	48.921	ng		96
89) Benzo(a)pyrene	25.36	252	964399	50.652	ng		95
90) Dibenzo(a,h)anthracene	29.60	278	979457	49.342	ng		96
91) Benzo(g,h,i)perylene	30.82	276	950188	49.058	ng		99

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

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