Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028680.D
Acq On : 12 Sep 2017 21:49
Operator : SJ/JU
Sample : I5123-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-13MS

Manual Integrations APPROVED
Sohil
9/13/2017 6:00:10 PM

Quant Time: Sep 13 04:58:51 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	27539	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	115319	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	92557	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	252054	20.00	ng		0.00
75) Chrysene-d12	22.03	240	298378	20.00	ng		0.00
86) Perylene-d12	25.53	264	301482	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	298139	178.64	ng		0.00
7) Phenol-d6	7.49	99	443711	176.58	ng		0.00
23) Nitrobenzene-d5	9.50	82	273595	113.49	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	276452	180.59	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	718625	103.53	ng		0.00
78) Terphenyl-d14	20.28	244	1346221	96.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	25067	37.089	ng		88
3) Pyridine	4.23	79	70806	36.726	ng		94
4) n-Nitrosodimethylamine	4.15	42	42148	48.059	ng	#	79
6) Aniline	7.65	93	113015	38.644	ng		97
8) 2-Chlorophenol	7.89	128	91303	49.074	ng		98
9) Benzaldehyde	7.47	77	21480	13.778	ng		97
10) Phenol	7.51	94	153227	57.779	ng		87
11) bis(2-Chloroethyl)ether	7.74	93	87495	45.954	ng		93
12) 1,3-Dichlorobenzene	8.22	146	92920	46.381	ng		93
13) 1,4-Dichlorobenzene	8.36	146	95814	46.510	ng		96
14) 1,2-Dichlorobenzene	8.69	146	94363	46.365	ng		96
15) Benzyl Alcohol	8.56	79	98957	50.447	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.85	45	160181	46.290	ng		95
17) 2-Methylphenol	8.77	107	89570	51.687	ng		92
18) Hexachloroethane	9.42	117	35056	46.429	ng		83
19) n-Nitroso-di-n-propylamine	9.13	70	82176	46.132	ng		89
20) 3+4-Methylphenols	9.10	107	123099	50.785	ng		97
22) Acetophenone	9.15	105	149756	44.414	ng	#	92
24) Nitrobenzene	9.55	77	121285	45.436	ng	#	90
25) Isophorone	10.06	82	234312	48.037	ng		97
26) 2-Nitrophenol	10.26	139	50572	44.514	ng		95
27) 2,4-Dimethylphenol	10.30	122	106646	51.355	ng		94
28) bis(2-Chloroethoxy)methane	10.53	93	127659	48.194	ng		98
29) 2,4-Dichlorophenol	10.80	162	107488	52.022	ng		92
30) 1,2,4-Trichlorobenzene	11.01	180	110659	46.947	ng		99
31) Naphthalene	11.20	128	295101	48.996	ng		99
32) Benzoic acid	10.42	122	3087m	7.914	ng		
33) 4-Chloroaniline	11.31	127	93795	37.175	ng		90
34) Hexachlorobutadiene	11.47	225	76970	44.334	ng		97
35) Caprolactam	12.09	113	45015m	60.754	ng		
36) 4-Chloro-3-methylphenol	12.41	107	137671	51.198	ng		92
37) 2-Methylnaphthalene	12.78	142	234384	52.123	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	151786	39.884	ng		97
40) Hexachlorocyclopentadiene	13.12	237	136157	90.947	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	98517	40.787	ng		96
43) 2,4,5-Trichlorophenol	13.47	196	115687	47.665	ng		94
45) 1,1'-Biphenyl	13.78	154	318417	41.551	ng		97
46) 2-Chloronaphthalene	13.82	162	250881	44.884	ng		98
47) 2-Nitroaniline	14.03	65	104219	50.169	ng		92
48) Acenaphthylene	14.67	152	421170	47.164	ng		96
49) Dimethylphthalate	14.39	163	458472	59.071	ng		98
50) 2,6-Dinitrotoluene	14.52	165	86520	50.098	ng		85
51) Acenaphthene	15.00	154	252656	46.575	ng		98
52) 3-Nitroaniline	14.85	138	66225	43.363	ng		92
53) 2,4-Dinitrophenol	15.07	184	9792	17.686	ng		96
54) Dibenzofuran	15.34	168	447681	51.750	ng		93
55) 4-Nitrophenol	15.16	139	92586	82.745	ng	#	77
56) 2,4-Dinitrotoluene	15.31	165	131841	54.293	ng	#	81
57) Fluorene	15.99	166	380710	49.295	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	109748	51.306	ng	#	93
59) Diethylphthalate	15.74	149	407174	51.050	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	220286	50.091	ng		94
61) 4-Nitroaniline	16.01	138	87736	54.226	ng	#	84
62) Azobenzene	16.26	77	366573	54.646	ng		93
64) 4,6-Dinitro-2-methylphenol	16.07	198	42883	26.367	ng		95
65) n-Nitrosodiphenylamine	16.19	169	342939	47.462	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	155049	47.807	ng		97
67) Hexachlorobenzene	17.00	284	163168	44.204	ng	#	89
68) Atrazine	17.13	200	145807	46.998	ng		97
69) Pentachlorophenol	17.35	266	143551	86.072	ng		98
70) Phenanthrene	17.74	178	646024	50.120	ng		96
71) Anthracene	17.83	178	642922	49.377	ng		98
72) Carbazole	18.10	167	574155	48.961	ng		94
73) Di-n-butylphthalate	18.62	149	686431	47.739	ng	#	94
74) Fluoranthene	19.74	202	794340	50.472	ng		92
76) Benzidine	19.91	184	224621	29.030	ng		96
77) Pyrene	20.10	202	816352	47.433	ng		96
79) Butylbenzylphthalate	20.96	149	324694	46.713	ng		93
80) Benzo(a)anthracene	22.01	228	862663	48.032	ng		93
81) 3,3'-Dichlorobenzidine	21.91	252	251763	34.574	ng	#	99
82) Chrysene	22.08	228	801799	47.050	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	460082	46.559	ng		100
84) Di-n-octyl phthalate	23.16	149	780710	45.219	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.56	276	1036239	47.326	ng	#	58
87) Benzo(b)fluoranthene	24.41	252	875084	48.448	ng		99
88) Benzo(k)fluoranthene	24.48	252	866381	48.020	ng		95
89) Benzo(a)pyrene	25.37	252	837738	48.863	ng		96
90) Dibenzo(a,h)anthracene	29.62	278	872454	48.810	ng		97
91) Benzo(g,h,i)perylene	30.83	276	844332	48.412	ng		98

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

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