Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028720.D
Acq On : 14 Sep 2017 6:44
Operator : SJ/JU
Sample : I5172-03MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S32-9020MS

Manual Integrations APPROVED
Sohil
9/14/2017 5:54:38 PM

Quant Time: Sep 14 09:12:37 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	21837	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	93339	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	81231	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	245379	20.00	ng		0.00
75) Chrysene-d12	22.02	240	278780	20.00	ng		0.00
86) Perylene-d12	25.52	264	281239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	231488	174.92	ng		0.00
7) Phenol-d6	7.49	99	316150	158.67	ng		0.00
23) Nitrobenzene-d5	9.50	82	219516	112.50	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	276868	206.08	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	629210	103.29	ng		0.00
78) Terphenyl-d14	20.28	244	1354252	103.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	23639	44.109	ng	#	93
3) Pyridine	4.24	79	61338	40.122	ng	#	92
4) n-Nitrosodimethylamine	4.15	42	36604	52.635	ng	#	78
6) Aniline	7.66	93	57322	24.719	ng		94
8) 2-Chlorophenol	7.90	128	80809	54.774	ng		86
9) Benzaldehyde	7.47	77	35726	28.900	ng		87
10) Phenol	7.51	94	109698	52.166	ng		87
11) bis(2-Chloroethyl)ether	7.74	93	76581	50.724	ng		93
12) 1,3-Dichlorobenzene	8.22	146	78837	49.626	ng		92
13) 1,4-Dichlorobenzene	8.36	146	80585	49.332	ng		93
14) 1,2-Dichlorobenzene	8.69	146	79505	49.264	ng		94
15) Benzyl Alcohol	8.57	79	90889	58.432	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.84	45	134377	48.973	ng		98
17) 2-Methylphenol	8.77	107	76952	56.000	ng		94
18) Hexachloroethane	9.42	117	30434	50.832	ng	#	84
19) n-Nitroso-di-n-propylamine	9.13	70	72336	51.211	ng	#	90
20) 3+4-Methylphenols	9.09	107	107989	56.185	ng		90
22) Acetophenone	9.15	105	136565	50.039	ng	#	92
24) Nitrobenzene	9.55	77	107588	49.796	ng	#	90
25) Isophorone	10.06	82	210276	53.261	ng		98
26) 2-Nitrophenol	10.26	139	45740	49.742	ng		95
27) 2,4-Dimethylphenol	10.30	122	95023	56.533	ng		97
28) bis(2-Chloroethoxy)methane	10.53	93	114125	53.231	ng		99
29) 2,4-Dichlorophenol	10.80	162	95554	57.136	ng		94
30) 1,2,4-Trichlorobenzene	11.01	180	97646	51.181	ng		97
31) Naphthalene	11.20	128	262617	53.871	ng		99
32) Benzoic acid	10.45	122	52275	44.326	ng		95
33) 4-Chloroaniline	11.32	127	12651	6.195	ng	#	84
34) Hexachlorobutadiene	11.47	225	66366	47.228	ng		97
35) Caprolactam	12.09	113	36490m	60.845	ng		
36) 4-Chloro-3-methylphenol	12.41	107	132754	60.995	ng		99
37) 2-Methylnaphthalene	12.78	142	214735	58.999	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	137018	41.024	ng	#	97
40) Hexachlorocyclopentadiene	13.12	237	107076	82.285	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	104970	49.518	ng		96
43) 2,4,5-Trichlorophenol	13.46	196	120952	56.783	ng	#	92
45) 1,1'-Biphenyl	13.78	154	304957	45.343	ng		95
46) 2-Chloronaphthalene	13.82	162	244322	49.805	ng		98
47) 2-Nitroaniline	14.03	65	107166	58.781	ng		91
48) Acenaphthylene	14.67	152	409607	52.264	ng		98
49) Dimethylphthalate	14.39	163	386983	56.812	ng		98
50) 2,6-Dinitrotoluene	14.52	165	90792	59.902	ng	#	78
51) Acenaphthene	15.00	154	246908	51.862	ng		95
52) 3-Nitroaniline	14.85	138	36881	27.516	ng		97
53) 2,4-Dinitrophenol	15.06	184	104965	126.285	ng		96
54) Dibenzofuran	15.34	168	449442	59.198	ng		94
55) 4-Nitrophenol	15.16	139	118191	120.357	ng	#	78
56) 2,4-Dinitrotoluene	15.31	165	134780	63.242	ng	#	85
57) Fluorene	15.98	166	394878	58.258	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	125905	67.066	ng	#	93
59) Diethylphthalate	15.74	149	421942	60.277	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	224697	58.218	ng		90
61) 4-Nitroaniline	16.01	138	87720	61.776	ng		88
62) Azobenzene	16.26	77	370197	62.881	ng		91
64) 4,6-Dinitro-2-methylphenol	16.07	198	83406	52.677	ng		100
65) n-Nitrosodiphenylamine	16.18	169	357087	50.765	ng		97
66) 4-Bromophenyl-phenylether	16.87	248	165695	52.479	ng		96
67) Hexachlorobenzene	17.00	284	173115	48.174	ng	#	86
68) Atrazine	17.13	200	159148	52.693	ng		98
69) Pentachlorophenol	17.35	266	185551	114.281	ng		97
70) Phenanthrene	17.74	178	695195	55.402	ng		96
71) Anthracene	17.83	178	699366	55.173	ng		98
72) Carbazole	18.10	167	603733	52.884	ng		94
73) Di-n-butylphthalate	18.62	149	749254	53.525	ng	#	94
74) Fluoranthene	19.73	202	856293	55.888	ng		94
76) Benzidine	19.91	184	39505	5.464	ng	#	95
77) Pyrene	20.10	202	883993	54.974	ng		96
79) Butylbenzylphthalate	20.96	149	346052	53.286	ng		92
80) Benzo(a)anthracene	22.01	228	917737	54.690	ng		93
81) 3,3'-Dichlorobenzidine	21.91	252	211134	31.033	ng	#	90
82) Chrysene	22.08	228	855199	53.712	ng		97
83) Bis(2-ethylhexyl)phthalate	21.85	149	477682	51.738	ng		100
84) Di-n-octyl phthalate	23.15	149	829742	51.438	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.56	276	1094076	53.480	ng		99
87) Benzo(b)fluoranthene	24.41	252	930556	55.227	ng		96
88) Benzo(k)fluoranthene	24.48	252	937471	55.700	ng		97
89) Benzo(a)pyrene	25.36	252	896452	56.051	ng		96
90) Dibenzo(a,h)anthracene	29.62	278	916626	54.972	ng		96
91) Benzo(g,h,i)perylene	30.82	276	905869	55.679	ng		99

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

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