Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028772.D
Acq On : 15 Sep 2017 18:01
Operator : SJ/JU
Sample : I5167-21MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C19013061MSD

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:42 PM

Quant Time: Sep 16 05:31:37 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	8.29	152	30178	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	130669	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	95703	20.00	ng		-0.03
63) Phenanthrene-d10	17.66	188	248978	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	293142	20.00	ng		-0.04
86) Perylene-d12	25.47	264	293581	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	121749	66.57	ng		-0.04
7) Phenol-d6	7.45	99	106104	38.53	ng		-0.04
23) Nitrobenzene-d5	9.46	82	240046	87.88	ng		-0.04
41) 2,4,6-Tribromophenol	16.41	330	231995	146.57	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	645916	89.99	ng		-0.03
78) Terphenyl-d14	20.25	244	1155252	84.04	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	11018	14.876	ng		88
3) Pyridine	4.18	79	23339	11.047	ng		96
4) n-Nitrosodimethylamine	4.10	42	16512	17.181	ng		86
6) Aniline	7.62	93	68613	21.410	ng		98
8) 2-Chlorophenol	7.86	128	72394	35.508	ng		92
9) Benzaldehyde	7.43	77	54954	32.167	ng		93
10) Phenol	7.47	94	37467	12.893	ng		92
11) bis(2-Chloroethyl)ether	7.70	93	81537	39.080	ng		88
12) 1,3-Dichlorobenzene	8.18	146	80941	36.868	ng		91
13) 1,4-Dichlorobenzene	8.33	146	83230	36.868	ng		96
14) 1,2-Dichlorobenzene	8.65	146	84452	37.866	ng		97
15) Benzyl Alcohol	8.53	79	57006	26.519	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.81	45	144658	38.149	ng		96
17) 2-Methylphenol	8.73	107	56030	29.505	ng		90
18) Hexachloroethane	9.38	117	33020	39.908	ng		90
19) n-Nitroso-di-n-propylamine	9.08	70	75952	38.909	ng	#	86
20) 3+4-Methylphenols	9.05	107	70479	26.534	ng		91
22) Acetophenone	9.11	105	147376	38.573	ng	#	87
24) Nitrobenzene	9.51	77	119711	39.578	ng		91
25) Isophorone	10.02	82	217219	39.302	ng	#	97
26) 2-Nitrophenol	10.22	139	48872	37.965	ng	#	90
27) 2,4-Dimethylphenol	10.27	122	81954	34.828	ng		93
28) bis(2-Chloroethoxy)methane	10.49	93	124068	41.336	ng		99
29) 2,4-Dichlorophenol	10.76	162	94291	40.274	ng		92
30) 1,2,4-Trichlorobenzene	10.97	180	103403	38.715	ng		94
31) Naphthalene	11.16	128	279300	40.925	ng		97
32) Benzoic acid	10.38	122	13833	13.314	ng	#	81
33) 4-Chloroaniline	11.28	127	67025	23.444	ng		92
34) Hexachlorobutadiene	11.43	225	71393	36.291	ng		94
35) Caprolactam	12.06	113	24764	29.496	ng	#	84
36) 4-Chloro-3-methylphenol	12.37	107	109725	36.012	ng		96
37) 2-Methylnaphthalene	12.75	142	230861	45.309	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	146486	37.226	ng		96
40) Hexachlorocyclopentadiene	13.09	237	126619	82.561	ng		95

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Quant Time: Sep 16 05:31:37 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	98235m	39.333	ng		
43) 2,4,5-Trichlorophenol	13.43	196	107527	42.847	ng	#	91
45) 1,1'-Biphenyl	13.74	154	305304	38.530	ng		97
46) 2-Chloronaphthalene	13.80	162	238170	41.209	ng		98
47) 2-Nitroaniline	14.00	65	91243	42.479	ng		93
48) Acenaphthylene	14.64	152	382880	41.466	ng		97
49) Dimethylphthalate	14.35	163	339240	42.272	ng		98
50) 2,6-Dinitrotoluene	14.48	165	76531	42.858	ng	#	80
51) Acenaphthene	14.98	154	241163	42.995	ng		93
52) 3-Nitroaniline	14.82	138	46660	29.548	ng		90
53) 2,4-Dinitrophenol	15.04	184	81499	85.954	ng		96
54) Dibenzofuran	15.31	168	427207	47.760	ng		92
55) 4-Nitrophenol	15.13	139	38299	33.103	ng		86
56) 2,4-Dinitrotoluene	15.28	165	116861	46.542	ng	#	85
57) Fluorene	15.96	166	378030	47.339	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	106152	47.994	ng		94
59) Diethylphthalate	15.71	149	356099	43.179	ng		98
60) 4-Chlorophenyl-phenylether	15.94	204	200154	44.017	ng		90
61) 4-Nitroaniline	15.99	138	69791	41.717	ng	#	78
62) Azobenzene	16.23	77	317353	45.754	ng		89
64) 4,6-Dinitro-2-methylphenol	16.05	198	69825	43.462	ng		97
65) n-Nitrosodiphenylamine	16.16	169	302148	42.333	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	140411	43.828	ng		98
67) Hexachlorobenzene	16.97	284	150018	41.143	ng	#	88
68) Atrazine	17.10	200	131643	42.957	ng		98
69) Pentachlorophenol	17.32	266	150066	91.090	ng		92
70) Phenanthrene	17.71	178	599355	47.074	ng		95
71) Anthracene	17.80	178	576798	44.846	ng		98
72) Carbazole	18.07	167	502778	43.404	ng	#	93
73) Di-n-butylphthalate	18.60	149	612127	43.097	ng	#	92
74) Fluoranthene	19.71	202	717090	46.126	ng		91
76) Benzidine	19.88	184	154778	20.361	ng		96
77) Pyrene	20.07	202	728768	43.101	ng		97
79) Butylbenzylphthalate	20.94	149	281032	41.154	ng		89
80) Benzo(a)anthracene	21.97	228	771275	43.710	ng		93
81) 3,3'-Dichlorobenzidine	21.87	252	213121	29.790	ng		98
82) Chrysene	22.04	228	719846	42.996	ng		95
83) Bis(2-ethylhexyl)phthalate	21.83	149	400181	41.221	ng		100
84) Di-n-octyl phthalate	23.11	149	687397	40.526	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.46	276	918262	42.687	ng	#	96
87) Benzo(b)fluoranthene	24.35	252	788161	44.810	ng		99
88) Benzo(k)fluoranthene	24.43	252	769924	43.822	ng		95
89) Benzo(a)pyrene	25.30	252	756751	45.327	ng		96
90) Dibenzo(a,h)anthracene	29.51	278	773746	44.453	ng		98
91) Benzo(g,h,i)perylene	30.71	276	765949	45.099	ng		97

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

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