Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028814.D
Acq On : 19 Sep 2017 3:43
Operator : SJ/JU
Sample : I5250-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MSD

Manual Integrations APPROVED
Sohil
9/19/2017 5:32:59 PM

Quant Time: Sep 19 05:02:42 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	34245	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	139347	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	106292	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	292129	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	337647	20.00	ng		-0.05
86) Perylene-d12	25.45	264	338754	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	270662	130.41	ng		-0.04
7) Phenol-d6	7.45	99	351583	112.52	ng		-0.04
23) Nitrobenzene-d5	9.46	82	257818	88.51	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	263415	149.84	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	682535	85.62	ng		-0.04
78) Terphenyl-d14	20.25	244	1280554	80.88	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	25671	30.544	ng		94
3) Pyridine	4.19	79	55603	23.193	ng	#	92
4) n-Nitrosodimethylamine	4.09	42	38467	35.272	ng	#	77
6) Aniline	7.62	93	79613	21.892	ng		89
8) 2-Chlorophenol	7.86	128	88374	38.198	ng		89
9) Benzaldehyde	7.43	77	32215	16.617	ng		98
10) Phenol	7.47	94	111553	33.827	ng		92
11) bis(2-Chloroethyl)ether	7.70	93	85679	36.188	ng		94
12) 1,3-Dichlorobenzene	8.18	146	88235m	35.418	ng		
13) 1,4-Dichlorobenzene	8.32	146	91158	35.585	ng		98
14) 1,2-Dichlorobenzene	8.65	146	90715	35.844	ng		98
15) Benzyl Alcohol	8.53	79	93820	38.462	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.81	45	145681	33.856	ng		99
17) 2-Methylphenol	8.73	107	80101	37.171	ng		92
18) Hexachloroethane	9.38	117	32350	34.455	ng		99
19) n-Nitroso-di-n-propylamine	9.09	70	79563	35.918	ng		88
20) 3+4-Methylphenols	9.06	107	110118	36.534	ng		94
22) Acetophenone	9.11	105	145813	35.788	ng	#	86
24) Nitrobenzene	9.50	77	117762	36.509	ng	#	91
25) Isophorone	10.02	82	218353	37.046	ng		98
26) 2-Nitrophenol	10.22	139	50634	36.884	ng		91
27) 2,4-Dimethylphenol	10.26	122	91764	36.569	ng		88
28) bis(2-Chloroethoxy)methane	10.49	93	122508	38.275	ng		100
29) 2,4-Dichlorophenol	10.76	162	100035	40.067	ng		94
30) 1,2,4-Trichlorobenzene	10.97	180	107015	37.572	ng		96
31) Naphthalene	11.16	128	284100	39.036	ng		98
32) Benzoic acid	10.42	122	44861	28.067	ng		94
33) 4-Chloroaniline	11.28	127	23319	7.649	ng	#	87
34) Hexachlorobutadiene	11.43	225	75872	36.166	ng		91
35) Caprolactam	12.05	113	30691m	34.279	ng		
36) 4-Chloro-3-methylphenol	12.38	107	123756	38.087	ng		95
37) 2-Methylnaphthalene	12.75	142	221922	40.842	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	144951	33.166	ng	#	96
40) Hexachlorocyclopentadiene	13.08	237	119624	71.365	ng		98

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Quant Time: Sep 19 05:02:42 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)
42) 2,4,6-Trichlorophenol	13.35	196	99377	35.827	ng		96
43) 2,4,5-Trichlorophenol	13.43	196	111548	40.021	ng	#	90
45) 1,1'-Biphenyl	13.74	154	302364	34.357	ng		98
46) 2-Chloronaphthalene	13.79	162	235828	36.739	ng		99
47) 2-Nitroaniline	13.99	65	96354	40.390	ng		91
48) Acenaphthylene	14.63	152	391260	38.153	ng		97
49) Dimethylphthalate	14.35	163	356172	39.960	ng		97
50) 2,6-Dinitrotoluene	14.48	165	81523	41.105	ng	#	79
51) Acenaphthene	14.97	154	238817	38.336	ng		94
52) 3-Nitroaniline	14.82	138	47890	27.305	ng		90
53) 2,4-Dinitrophenol	15.03	184	74625	72.268	ng		96
54) Dibenzofuran	15.30	168	424334	42.713	ng		93
55) 4-Nitrophenol	15.13	139	96328	74.965	ng	#	75
56) 2,4-Dinitrotoluene	15.27	165	123165	44.166	ng	#	88
57) Fluorene	15.96	166	361391	40.747	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	115978	47.212	ng	#	91
59) Diethylphthalate	15.70	149	375159	40.958	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	204765	40.545	ng		91
61) 4-Nitroaniline	15.99	138	77854	41.901	ng	#	80
62) Azobenzene	16.23	77	335255	43.520	ng		90
64) 4,6-Dinitro-2-methylphenol	16.04	198	69143	36.681	ng		94
65) n-Nitrosodiphenylamine	16.16	169	320874	38.316	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	147864	39.337	ng		95
67) Hexachlorobenzene	16.97	284	154928	36.214	ng	#	90
68) Atrazine	17.10	200	137594	38.266	ng		97
69) Pentachlorophenol	17.31	266	155006	80.190	ng		100
70) Phenanthrene	17.70	178	611519	40.935	ng		96
71) Anthracene	17.80	178	613842	40.677	ng		98
72) Carbazole	18.07	167	539339	39.683	ng	#	93
73) Di-n-butylphthalate	18.59	149	649586	38.979	ng	#	93
74) Fluoranthene	19.70	202	748696	41.046	ng		93
76) Benzidine	19.88	184	59556	6.802	ng		94
77) Pyrene	20.06	202	772887	39.685	ng		96
79) Butylbenzylphthalate	20.93	149	293506	37.315	ng		93
80) Benzo(a)anthracene	21.96	228	810906	39.899	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	206763	25.092	ng	#	95
82) Chrysene	22.04	228	746084	38.689	ng		96
83) Bis(2-ethylhexyl)phthalate	21.82	149	420807	37.632	ng		98
84) Di-n-octyl phthalate	23.11	149	717326	36.716	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.45	276	946485	38.200	ng		99
87) Benzo(b)fluoranthene	24.35	252	826616m	40.729	ng		
88) Benzo(k)fluoranthene	24.42	252	806344m	39.775	ng		
89) Benzo(a)pyrene	25.29	252	781756	40.580	ng		95
90) Dibenzo(a,h)anthracene	29.50	278	764282	38.054	ng	#	98
91) Benzo(g,h,i)perylene	30.69	276	749585	38.250	ng		97

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

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