Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036841.D
Acq On : 20 Sep 2018 9:30
Operator : JU/SJ
Sample : PB112998BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112998BS

Manual Integrations APPROVED
Sohil
9/20/2018 11:46:54 AM

Quant Time: Sep 20 11:35:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60711	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	293541	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	199965	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	483455	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	428098	20.00	ng		-0.01
86) Perylene-d12	24.89	264	405105	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	433190	113.19	ng		-0.01
7) Phenol-d6	7.21	99	613749	112.01	ng		-0.01
23) Nitrobenzene-d5	9.21	82	378167	69.90	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	284715	119.33	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	894436	63.87	ng		-0.02
78) Terphenyl-d14	20.02	244	1263133	68.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	40616	22.740	ng		98
3) Pyridine	3.92	79	129347	25.799	ng		96
4) n-Nitrosodimethylamine	3.83	42	83907	37.575	ng		95
6) Aniline	7.37	93	226241	32.527	ng		97
8) 2-Chlorophenol	7.61	128	180522	43.495	ng		97
9) Benzaldehyde	7.18	77	100167	26.545	ng		98
10) Phenol	7.24	94	254622	44.403	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	171395	37.701	ng		97
12) 1,3-Dichlorobenzene	7.94	146	174343	36.788	ng		99
13) 1,4-Dichlorobenzene	8.08	146	180235	37.668	ng		100
14) 1,2-Dichlorobenzene	8.40	146	173653	38.002	ng		98
15) Benzyl Alcohol	8.28	79	187436	42.432	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	343969	37.518	ng		100
17) 2-Methylphenol	8.49	107	172643	45.341	ng		98
18) Hexachloroethane	9.13	117	67763	39.500	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	154078	37.623	ng		99
20) 3+4-Methylphenols	8.81	107	243133	45.736	ng		98
22) Acetophenone	8.87	105	283287	36.751	ng	#	99
24) Nitrobenzene	9.25	77	227843	39.054	ng		97
25) Isophorone	9.77	82	435039	40.478	ng		98
26) 2-Nitrophenol	9.96	139	106615	46.117	ng		99
27) 2,4-Dimethylphenol	10.02	122	191707	44.790	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	252847	38.333	ng		99
29) 2,4-Dichlorophenol	10.50	162	207280	44.189	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	201911	36.795	ng		98
31) Naphthalene	10.90	128	573528	39.085	ng		98
32) Benzoic acid	10.16	122	101280	33.418	ng		97
33) 4-Chloroaniline	11.00	127	194216	28.883	ng		99
34) Hexachlorobutadiene	11.18	225	136107	36.917	ng		97
35) Caprolactam	11.80	113	79384m	42.483	ng		
36) 4-Chloro-3-methylphenol	12.12	107	238567	43.770	ng		99
37) 2-Methylnaphthalene	12.50	142	456523	42.519	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	263108	37.180	ng		99
40) Hexachlorocyclopentadiene	12.85	237	266897	72.488	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	181728	42.158	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	200949	43.706	ng		99
45) 1,1'-Biphenyl	13.51	154	591708	35.648	ng		99
46) 2-Chloronaphthalene	13.55	162	456238	36.005	ng		99
47) 2-Nitroaniline	13.75	65	174892	43.952	ng		98
48) Acenaphthylene	14.39	152	769408	38.851	ng		99
49) Dimethylphthalate	14.13	163	624767	38.263	ng		99
50) 2,6-Dinitrotoluene	14.25	165	140744	41.889	ng		97
51) Acenaphthene	14.74	154	449124	35.411	ng		99
52) 3-Nitroaniline	14.57	138	129221	35.689	ng		99
53) 2,4-Dinitrophenol	14.78	184	86811	68.212	ng		96
54) Dibenzofuran	15.07	168	742653	37.375	ng		99
55) 4-Nitrophenol	14.89	139	217489	73.465	ng		98
56) 2,4-Dinitrotoluene	15.03	165	202134	46.160	ng		91
57) Fluorene	15.72	166	591024	39.788	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	199802	46.252	ng		96
59) Diethylphthalate	15.49	149	622843	37.850	ng		100
60) 4-Chlorophenyl-phenylether	15.71	204	343356	37.433	ng		98
61) 4-Nitroaniline	15.74	138	153197	40.434	ng		99
62) Azobenzene	16.00	77	611567	36.527	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	96305	45.347	ng		97
65) n-Nitrosodiphenylamine	15.93	169	548660	38.194	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	221653	39.159	ng		99
67) Hexachlorobenzene	16.73	284	221931	38.344	ng		94
68) Atrazine	16.87	200	219638	40.735	ng		98
69) Pentachlorophenol	17.07	266	252044	64.074	ng		97
70) Phenanthrene	17.46	178	954798	38.867	ng		98
71) Anthracene	17.55	178	960998	39.244	ng		98
72) Carbazole	17.82	167	840031	34.349	ng		100
73) Di-n-butylphthalate	18.37	149	954253	35.040	ng		99
74) Fluoranthene	19.46	202	1012574	33.808	ng		99
76) Benzidine	19.64	184	350804	25.684	ng		99
77) Pyrene	19.82	202	990493	37.625	ng		99
79) Butylbenzylphthalate	20.71	149	392037	37.420	ng		96
80) Benzo(a)anthracene	21.66	228	986677	38.044	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	298177	28.848	ng		99
82) Chrysene	21.73	228	925850	37.663	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	531949	36.284	ng		99
84) Di-n-octyl phthalate	22.77	149	923592	37.716	ng		99
85) Indeno(1,2,3-cd)pyrene	28.53	276	1124395	39.380	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	973921	43.294	ng		96
88) Benzo(k)fluoranthene	23.94	252	931909	42.404	ng		99
89) Benzo(a)pyrene	24.74	252	938550	43.418	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	932424	44.681	ng		96
91) Benzo(g,h,i)perylene	29.67	276	915427	43.651	ng		96

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

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