Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036759.D
Acq On : 17 Sep 2018 18:02
Operator : JU/SJ
Sample : J4773-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-091418-AMS

Manual Integrations APPROVED
Sohil
9/18/2018 6:18:14 PM

Quant Time: Sep 17 18:39:41 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	64951	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	258054	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	163259	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	420152	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	424510	20.00	ng		0.00
86) Perylene-d12	24.89	264	445900	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	420935	102.80	ng		0.00
7) Phenol-d6	7.21	99	532397	90.82	ng		0.00
23) Nitrobenzene-d5	9.22	82	391515	82.32	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	255200	131.00	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	834327	72.97	ng		-0.01
78) Terphenyl-d14	20.03	244	1456796	80.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	70917	37.113	ng	#	92
3) Pyridine	3.95	79	177292	33.054	ng		97
4) n-Nitrosodimethylamine	3.85	42	105037	43.967	ng		96
6) Aniline	7.38	93	191971	25.799	ng		97
8) 2-Chlorophenol	7.62	128	188321	42.412	ng		99
9) Benzaldehyde	7.19	77	63269	15.672	ng		93
10) Phenol	7.24	94	229614	37.428	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	193314	39.747	ng		97
12) 1,3-Dichlorobenzene	7.94	146	206759	40.780	ng		96
13) 1,4-Dichlorobenzene	8.09	146	211404	41.298	ng		99
14) 1,2-Dichlorobenzene	8.40	146	198183	40.539	ng		98
15) Benzyl Alcohol	8.29	79	189784	40.159	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	377859	38.524	ng		98
17) 2-Methylphenol	8.49	107	168018	41.246	ng		98
18) Hexachloroethane	9.13	117	79212	43.160	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	164496	37.545	ng		97
20) 3+4-Methylphenols	8.82	107	230263	40.488	ng		98
22) Acetophenone	8.87	105	299738	44.233	ng	#	99
24) Nitrobenzene	9.26	77	242068	47.198	ng		96
25) Isophorone	9.78	82	452250	47.866	ng		97
26) 2-Nitrophenol	9.97	139	107275	52.784	ng		97
27) 2,4-Dimethylphenol	10.02	122	185544	49.312	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	258480	44.575	ng		99
29) 2,4-Dichlorophenol	10.50	162	200471	48.615	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	213507	44.259	ng		99
31) Naphthalene	10.91	128	635715	49.281	ng		98
32) Benzoic acid	10.15	122	76797	29.440	ng		98
33) 4-Chloroaniline	11.01	127	68195	11.536	ng		99
34) Hexachlorobutadiene	11.19	225	145643	44.935	ng		98
35) Caprolactam	11.79	113	58253m	35.461	ng		
36) 4-Chloro-3-methylphenol	12.13	107	219899	45.893	ng		99
37) 2-Methylnaphthalene	12.51	142	458244	48.549	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	263740	45.649	ng		99
40) Hexachlorocyclopentadiene	12.85	237	325817	108.387	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	172515	49.018	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	185684	49.465	ng		99
45) 1,1'-Biphenyl	13.51	154	579311	42.748	ng		98
46) 2-Chloronaphthalene	13.55	162	447358	43.241	ng		100
47) 2-Nitroaniline	13.75	65	168354	51.822	ng		98
48) Acenaphthylene	14.40	152	755311	46.715	ng		99
49) Dimethylphthalate	14.13	163	604644	45.356	ng		99
50) 2,6-Dinitrotoluene	14.25	165	133351	48.612	ng		99
51) Acenaphthene	14.74	154	455875	44.024	ng		99
52) 3-Nitroaniline	14.57	138	85563	28.944	ng		99
53) 2,4-Dinitrophenol	14.78	184	118400	113.951	ng		92
54) Dibenzofuran	15.07	168	727251	44.829	ng		99
55) 4-Nitrophenol	14.89	139	205161	84.882	ng		96
56) 2,4-Dinitrotoluene	15.03	165	193150	54.026	ng		93
57) Fluorene	15.72	166	583371	48.102	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	194278	55.085	ng		96
59) Diethylphthalate	15.49	149	608779	45.313	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	334102	44.614	ng		98
61) 4-Nitroaniline	15.74	138	150923	48.789	ng		98
62) Azobenzene	16.01	77	600915	43.960	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	100984	54.715	ng		99
65) n-Nitrosodiphenylamine	15.93	169	541761	43.396	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	222388	45.209	ng		99
67) Hexachlorobenzene	16.72	284	226618	45.053	ng		96
68) Atrazine	16.87	200	232921	49.707	ng		99
69) Pentachlorophenol	17.07	266	257863	75.430	ng		97
70) Phenanthrene	17.46	178	1017407	47.656	ng		98
71) Anthracene	17.55	178	1013877	47.642	ng		98
72) Carbazole	17.82	167	927367	43.634	ng		100
73) Di-n-butylphthalate	18.38	149	1038193	43.867	ng		99
74) Fluoranthene	19.47	202	1235128	47.452	ng		99
76) Benzidine	19.64	184	125258	9.248	ng		96
77) Pyrene	19.83	202	1217623	46.644	ng		98
79) Butylbenzylphthalate	20.71	149	485347	46.718	ng		98
80) Benzo(a)anthracene	21.67	228	1223082	47.558	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	280959	27.412	ng		98
82) Chrysene	21.73	228	1138549	46.706	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	654305	45.007	ng		100
84) Di-n-octyl phthalate	22.78	149	1122412	46.223	ng		99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1382919	48.844	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	1240528	50.100	ng		97
88) Benzo(k)fluoranthene	23.95	252	1144665	47.319	ng		99
89) Benzo(a)pyrene	24.74	252	1169261	49.142	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	1125597	49.003	ng		98
91) Benzo(g,h,i)perylene	29.69	276	1147348	49.705	ng		97

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

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