Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036876.D
Acq On : 22 Sep 2018 2:32
Operator : JU/SJ
Sample : J4778-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MS

Manual Integrations APPROVED
Sohil
9/24/2018 9:29:47 AM

Quant Time: Sep 22 05:16:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39867	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	163491	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	112919	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	304467	20.00	ng	0.00
75) Chrysene-d12	21.69	240	321084	20.00	ng	0.00
86) Perylene-d12	24.89	264	337023	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	272389	131.03	ng	0.00
7) Phenol-d6	7.21	99	347512	108.05	ng	0.00
23) Nitrobenzene-d5	9.21	82	272154	89.14	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	192949	142.82	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	609605	80.41	ng	0.00
78) Terphenyl-d14	20.03	244	1207794	98.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	41817	43.961	ng	# 85
3) Pyridine	3.93	79	100681	36.657	ng	97
4) n-Nitrosodimethylamine	3.84	42	65016	53.260	ng	# 90
6) Aniline	7.38	93	71519	17.137	ng	96
8) 2-Chlorophenol	7.61	128	115002	47.645	ng	95
9) Benzaldehyde	7.18	77	83443	39.263	ng	99
10) Phenol	7.24	94	138035	41.585	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	122319	39.838	ng	99
12) 1,3-Dichlorobenzene	7.94	146	122444	41.377	ng	97
13) 1,4-Dichlorobenzene	8.08	146	123253	40.700	ng	98
14) 1,2-Dichlorobenzene	8.40	146	120415	41.032	ng	98
15) Benzyl Alcohol	8.29	79	113308	43.418	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	248377	42.135	ng	99
17) 2-Methylphenol	8.49	107	104911	45.374	ng	95
18) Hexachloroethane	9.13	117	47606	42.718	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	106058	39.639	ng	98
20) 3+4-Methylphenols	8.82	107	141268	43.918	ng	98
22) Acetophenone	8.87	105	189023	49.199	ng	# 96
24) Nitrobenzene	9.26	77	153896	47.203	ng	97
25) Isophorone	9.77	82	302483	54.223	ng	99
26) 2-Nitrophenol	9.96	139	63702	49.019	ng	97
27) 2,4-Dimethylphenol	10.02	122	118607	58.591	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	171722	49.887	ng	97
29) 2,4-Dichlorophenol	10.50	162	128901	54.930	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	130956	44.593	ng	99
31) Naphthalene	10.90	128	392449	50.450	ng	99
32) Benzoic acid	10.15	122	16689m	15.275	ng	
33) 4-Chloroaniline	11.03	127	11163	3.156	ng	94
34) Hexachlorobutadiene	11.19	225	90969	44.794	ng	97
35) Caprolactam	11.78	113	36892m	38.197	ng	
36) 4-Chloro-3-methylphenol	12.13	107	148911	53.183	ng	94
37) 2-Methylnaphthalene	12.51	142	305517	51.567	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	175410	44.538	ng	98
40) Hexachlorocyclopentadiene	12.85	237	203851	100.640	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	112705	51.534	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	123912	53.135	ng		99
45) 1,1'-Biphenyl	13.51	154	402588	46.553	ng		99
46) 2-Chloronaphthalene	13.55	162	308533	45.366	ng		99
47) 2-Nitroaniline	13.76	65	114844	48.821	ng		98
48) Acenaphthylene	14.40	152	534694	50.173	ng		99
49) Dimethylphthalate	14.13	163	441516	48.576	ng		99
50) 2,6-Dinitrotoluene	14.25	165	97935	49.385	ng		98
51) Acenaphthene	14.74	154	309562	48.062	ng		98
52) 3-Nitroaniline	14.58	138	25568	12.235	ng		100
53) 2,4-Dinitrophenol	14.79	184	68313	74.124	ng		97
54) Dibenzofuran	15.07	168	519111	47.648	ng		98
55) 4-Nitrophenol	14.89	139	133763	100.198	ng		98
56) 2,4-Dinitrotoluene	15.04	165	139491	50.409	ng		93
57) Fluorene	15.72	166	425437	52.246	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	129623	54.793	ng		97
59) Diethylphthalate	15.49	149	448685	48.944	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	237136	45.984	ng		99
61) 4-Nitroaniline	15.75	138	102687	46.717	ng		98
62) Azobenzene	16.01	77	447344	50.785	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	63132	39.661	ng		99
65) n-Nitrosodiphenylamine	15.93	169	388730	46.247	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	159084	45.936	ng		99
67) Hexachlorobenzene	16.73	284	160035	44.868	ng		97
68) Atrazine	16.87	200	173873	51.088	ng		99
69) Pentachlorophenol	17.07	266	176067	78.403	ng		98
70) Phenanthrene	17.46	178	744976	50.775	ng		99
71) Anthracene	17.55	178	759010	52.317	ng		100
72) Carbazole	17.82	167	682589	48.256	ng		98
73) Di-n-butylphthalate	18.38	149	792754	50.465	ng		99
74) Fluoranthene	19.47	202	941259	53.296	ng		99
76) Benzidine	19.66	184	55286	5.696	ng		97
77) Pyrene	19.83	202	933323	48.440	ng		99
79) Butylbenzylphthalate	20.71	149	366208	47.684	ng		98
80) Benzo(a)anthracene	21.67	228	923972	49.296	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	102797	14.409	ng		99
82) Chrysene	21.74	228	860039	47.491	ng		100
83) Bis(2-ethylhexyl)phthalate	21.57	149	503750	46.953	ng		99
84) Di-n-octyl phthalate	22.78	149	860406	48.708	ng		98
85) Indeno(1,2,3-cd)pyrene	28.55	276	1048166	53.899	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	939071	52.285	ng		99
88) Benzo(k)fluoranthene	23.95	252	871197	48.348	ng		98
89) Benzo(a)pyrene	24.75	252	885254	50.982	ng		99
90) Dibenzo(a,h)anthracene	28.62	278	860032	52.848	ng		98
91) Benzo(g,h,i)perylene	29.70	276	878453	53.786	ng		97

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

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