Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038507.D
Acq On : 12 Dec 2018 20:45
Operator : JU/SJ
Sample : J6193-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-121018-AMS

Manual Integrations APPROVED
Sohil
12/13/2018 3:06:58 PM

Quant Time: Dec 13 06:30:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22071	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87292	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58594	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	154365	20.00	ng	0.00
76) Chrysene-d12	21.73	240	157086	20.00	ng	0.00
87) Perylene-d12	25.02	264	170394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187130	150.38	ng	0.00
7) Phenol-d6	7.21	99	230260	134.79	ng	0.00
23) Nitrobenzene-d5	9.24	82	180249	105.49	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	143502	177.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	427806	100.16	ng	0.00
79) Terphenyl-d14	20.05	244	845190	117.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	20534	35.455	ng	# 1
3) Pyridine	3.91	79	54212	33.999	ng	89
4) n-Nitrosodimethylamine	3.82	42	36954	47.299	ng	92
6) Aniline	7.39	93	58024	26.608	ng	98
8) 2-Chlorophenol	7.62	128	68632	47.660	ng	97
9) Benzaldehyde	7.20	77	25674	23.167	ng	95
10) Phenol	7.24	94	72747	40.083	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	66388	45.945	ng	99
12) 1,3-Dichlorobenzene	7.95	146	72136	42.366	ng	96
13) 1,4-Dichlorobenzene	8.09	146	72380	41.507	ng	98
14) 1,2-Dichlorobenzene	8.41	146	67997	41.361	ng	97
15) Benzyl Alcohol	8.30	79	65348	49.009	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	147621	44.599	ng	97
17) 2-Methylphenol	8.50	107	58471	48.087	ng	97
18) Hexachloroethane	9.14	117	26532	41.638	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	53761	44.808	ng	98
20) 3+4-Methylphenols	8.83	107	78905	46.987	ng	98
22) Acetophenone	8.89	105	105112	48.208	ng	# 97
24) Nitrobenzene	9.28	77	83852	48.510	ng	99
25) Isophorone	9.79	82	159040	51.804	ng	98
26) 2-Nitrophenol	9.99	139	41082	46.435	ng	94
27) 2,4-Dimethylphenol	10.04	122	70817	55.852	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	88452	51.054	ng	96
29) 2,4-Dichlorophenol	10.52	162	75693	53.662	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	77051	45.222	ng	97
31) Naphthalene	10.93	128	214540	49.882	ng	98
32) Benzoic acid	10.17	122	26039	35.650	ng	95
33) 4-Chloroaniline	11.06	127	10622	5.689	ng	98
34) Hexachlorobutadiene	11.19	225	50642	43.926	ng	95
35) Caprolactam	11.83	113	19559m	33.506	ng	
36) 4-Chloro-3-methylphenol	12.15	107	84268	52.351	ng	96
37) 2-Methylnaphthalene	12.53	142	162963	53.111	ng	98
38) 1-Methylnaphthalene	12.75	142	155262	52.146	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	97237	44.396	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	112286	93.315	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	69090	51.304	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	74632	52.343	ng		97
46) 1,1'-Biphenyl	13.53	154	216433	44.062	ng		98
47) 2-Chloronaphthalene	13.58	162	172296	45.409	ng		97
48) 2-Nitroaniline	13.79	65	61193	50.632	ng		93
49) Acenaphthylene	14.42	152	292786	51.616	ng		100
50) Dimethylphthalate	14.15	163	248399	51.912	ng		100
51) 2,6-Dinitrotoluene	14.28	165	55924	51.573	ng		96
52) Acenaphthene	14.76	154	166101	48.970	ng		98
53) 3-Nitroaniline	14.62	138	24969	22.589	ng		99
54) 2,4-Dinitrophenol	14.82	184	60314	92.608	ng		100
55) Dibenzofuran	15.10	168	282189	48.535	ng		97
56) 4-Nitrophenol	14.92	139	80908	96.484	ng		95
57) 2,4-Dinitrotoluene	15.06	165	80069	52.426	ng		96
58) Fluorene	15.74	166	229690	53.322	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	71660	55.862	ng		99
60) Diethylphthalate	15.50	149	258595	49.229	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	130157	48.428	ng		99
62) 4-Nitroaniline	15.78	138	56804	49.916	ng		98
63) Azobenzene	16.02	77	220919	50.344	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	46744	42.450	ng		94
66) n-Nitrosodiphenylamine	15.95	169	215937	47.610	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	86667	45.971	ng		93
68) Hexachlorobenzene	16.74	284	90796	46.460	ng		99
69) Atrazine	16.89	200	89909	53.415	ng		98
70) Pentachlorophenol	17.09	266	102508	88.681	ng		99
71) Phenanthrene	17.49	178	414761	51.814	ng		98
72) Anthracene	17.58	178	420527	53.215	ng		99
73) Carbazole	17.85	167	383435	49.062	ng		100
74) Di-n-butylphthalate	18.38	149	459161	51.201	ng		100
75) Fluoranthene	19.49	202	521882	52.693	ng		98
77) Benzidine	19.68	184	149244	32.125	ng		99
78) Pyrene	19.86	202	519429	50.053	ng		99
80) Butylbenzylphthalate	20.73	149	206079	50.829	ng		99
81) Benzo(a)anthracene	21.71	228	506128	52.876	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	96007	25.290	ng		98
83) Chrysene	21.77	228	469495	50.923	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	288716	50.210	ng		98
85) Di-n-octyl phthalate	22.80	149	499833	51.903	ng		100
86) Indeno(1,2,3-cd)pyrene	28.81	276	592705	54.681	ng	#	87
88) Benzo(b)fluoranthene	23.96	252	525716	56.194	ng		99
89) Benzo(k)fluoranthene	24.03	252	487302	52.309	ng		97
90) Benzo(a)pyrene	24.87	252	498976	55.285	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	492618	54.818	ng		98
92) Benzo(g,h,i)perylene	29.99	276	489115	55.229	ng		96

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

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