Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036731.D
Acq On : 15 Sep 2018 8:26
Operator : JU/SJ
Sample : J4771-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-091218MS

Quant Time: Sep 17 03:47:03 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	56431	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	238293	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	161701	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	413360	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	408069	20.00	ng		-0.01
86) Perylene-d12	24.89	264	430092	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	348854	98.06	ng		0.00
7) Phenol-d6	7.21	99	464072	91.11	ng		-0.01
23) Nitrobenzene-d5	9.21	82	329356	74.99	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	246786	127.90	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	744451	65.73	ng		-0.01
78) Terphenyl-d14	20.02	244	1347191	77.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	49590	29.870	ng		97
3) Pyridine	3.93	79	109922	23.588	ng		99
4) n-Nitrosodimethylamine	3.84	42	76249	36.736	ng		94
6) Aniline	7.38	93	118070	18.263	ng		97
8) 2-Chlorophenol	7.61	128	153119	39.691	ng		93
9) Benzaldehyde	7.18	77	77599	22.124	ng		99
10) Phenol	7.24	94	190339	35.710	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	153809	36.399	ng		98
12) 1,3-Dichlorobenzene	7.94	146	159059	36.108	ng		98
13) 1,4-Dichlorobenzene	8.09	146	161828	36.387	ng		98
14) 1,2-Dichlorobenzene	8.41	146	153856	36.224	ng		98
15) Benzyl Alcohol	8.28	79	157591	38.381	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	295469	34.672	ng		99
17) 2-Methylphenol	8.49	107	139452	39.402	ng		98
18) Hexachloroethane	9.13	117	59470	37.296	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	135567	35.614	ng		96
20) 3+4-Methylphenols	8.81	107	197732	40.017	ng		100
22) Acetophenone	8.87	105	245201	39.185	ng		99
24) Nitrobenzene	9.26	77	207851	43.888	ng		98
25) Isophorone	9.77	82	387012	44.358	ng		99
26) 2-Nitrophenol	9.96	139	90555	48.252	ng		97
27) 2,4-Dimethylphenol	10.02	122	159566	45.925	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	217766	40.669	ng		98
29) 2,4-Dichlorophenol	10.50	162	174933	45.940	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	173764	39.008	ng		99
31) Naphthalene	10.91	128	494322	41.498	ng		98
32) Benzoic acid	10.10	122	16548	10.304	ng		90
33) 4-Chloroaniline	11.01	127	30283	5.548	ng		95
34) Hexachlorobutadiene	11.19	225	117725	39.334	ng		99
35) Caprolactam	11.78	113	53745	35.430	ng	#	90
36) 4-Chloro-3-methylphenol	12.13	107	199525	45.094	ng		98
37) 2-Methylnaphthalene	12.51	142	387898	44.504	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	223031	38.975	ng		98
40) Hexachlorocyclopentadiene	12.85	237	259160	87.043	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	158151	45.370	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	167927	45.166	ng		99
45) 1,1'-Biphenyl	13.51	154	511687	38.122	ng		99
46) 2-Chloronaphthalene	13.55	162	391126	38.170	ng		98
47) 2-Nitroaniline	13.75	65	135037	41.967	ng		99
48) Acenaphthylene	14.40	152	682870	42.641	ng		99
49) Dimethylphthalate	14.13	163	556990	42.184	ng		99
50) 2,6-Dinitrotoluene	14.25	165	124328	45.760	ng		96
51) Acenaphthene	14.74	154	411914	40.162	ng		99
52) 3-Nitroaniline	14.58	138	57153	19.520	ng		99
53) 2,4-Dinitrophenol	14.78	184	27552	26.772	ng		95
54) Dibenzofuran	15.07	168	650895	40.508	ng		99
55) 4-Nitrophenol	14.88	139	166492	69.547	ng		97
56) 2,4-Dinitrotoluene	15.03	165	173065	48.874	ng		91
57) Fluorene	15.72	166	528474	43.996	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169132	48.417	ng		96
59) Diethylphthalate	15.49	149	552498	41.520	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	301229	40.612	ng		98
61) 4-Nitroaniline	15.74	138	118305	38.613	ng		96
62) Azobenzene	16.01	77	543054	40.110	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	38490	21.197	ng		95
65) n-Nitrosodiphenylamine	15.93	169	488892	39.804	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	200994	41.531	ng		98
67) Hexachlorobenzene	16.73	284	204682	41.361	ng		97
68) Atrazine	16.87	200	209470	45.437	ng		99
69) Pentachlorophenol	17.07	266	134592	40.018	ng		98
70) Phenanthrene	17.46	178	897329	42.722	ng		99
71) Anthracene	17.55	178	900315	43.000	ng		99
72) Carbazole	17.82	167	798659	38.195	ng		100
73) Di-n-butylphthalate	18.38	149	910983	39.124	ng		100
74) Fluoranthene	19.46	202	1070639	41.808	ng		98
76) Benzidine	19.65	184	100895	7.750	ng		97
77) Pyrene	19.83	202	1064656	42.427	ng		98
79) Butylbenzylphthalate	20.71	149	419516	42.008	ng		97
80) Benzo(a)anthracene	21.66	228	1069572	43.265	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	144529	14.669	ng		99
82) Chrysene	21.73	228	991220	42.301	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	572606	40.974	ng		98
84) Di-n-octyl phthalate	22.78	149	979230	41.951	ng		97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1220094	44.829	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	1061317	44.438	ng		98
88) Benzo(k)fluoranthene	23.94	252	1006192	43.124	ng		98
89) Benzo(a)pyrene	24.74	252	1021427	44.507	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	979469	44.208	ng		96
91) Benzo(g,h,i)perylene	29.68	276	1009636	45.347	ng		97

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

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