Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036515.D
Acq On : 31 Aug 2018 21:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 01 01:03:23 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	8.06	152	61661	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	266946	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	174037	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	451135	20.00	ng		0.00
75) Chrysene-d12	21.69	240	467723	20.00	ng		0.00
86) Perylene-d12	24.91	264	503258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	294280	75.71	ng		0.00
7) Phenol-d6	7.22	99	424239	76.23	ng		0.00
23) Nitrobenzene-d5	9.22	82	414839	84.32	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	180590	86.96	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	953672	78.24	ng		0.00
78) Terphenyl-d14	20.04	244	1539072	76.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	64539	35.577	ng		95
3) Pyridine	3.93	79	187297	36.783	ng		93
4) n-Nitrosodimethylamine	3.85	42	76873	33.895	ng		96
6) Aniline	7.39	93	254556	36.035	ng		96
8) 2-Chlorophenol	7.62	128	157168	37.285	ng		98
9) Benzaldehyde	7.20	77	131538	34.322	ng		94
10) Phenol	7.24	94	219780	37.736	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	165558	35.856	ng		97
12) 1,3-Dichlorobenzene	7.95	146	177811	36.942	ng		98
13) 1,4-Dichlorobenzene	8.10	146	179608	36.959	ng		98
14) 1,2-Dichlorobenzene	8.41	146	170181	36.669	ng		97
15) Benzyl Alcohol	8.30	79	165050	36.788	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	306121	32.875	ng		96
17) 2-Methylphenol	8.50	107	144666	37.408	ng		98
18) Hexachloroethane	9.15	117	64030	36.749	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	141581	34.039	ng		92
20) 3+4-Methylphenols	8.82	107	205692	38.097	ng		98
22) Acetophenone	8.88	105	257248	36.698	ng	#	98
24) Nitrobenzene	9.27	77	207393	39.091	ng		97
25) Isophorone	9.78	82	347341	35.538	ng		97
26) 2-Nitrophenol	9.98	139	88995	42.331	ng		95
27) 2,4-Dimethylphenol	10.03	122	143907	36.972	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	215830	35.981	ng		96
29) 2,4-Dichlorophenol	10.51	162	173167	40.595	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	192625	38.600	ng		98
31) Naphthalene	10.92	128	496443	37.202	ng		98
32) Benzoic acid	10.15	122	102223	36.597	ng		95
33) 4-Chloroaniline	11.02	127	233036	38.109	ng		99
34) Hexachlorobutadiene	11.20	225	134625	40.152	ng		96
35) Caprolactam	11.79	113	63359	37.285	ng	#	89
36) 4-Chloro-3-methylphenol	12.13	107	195578	39.458	ng		98
37) 2-Methylnaphthalene	12.51	142	373769	38.280	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	238535	38.730	ng		100
40) Hexachlorocyclopentadiene	12.86	237	125106	39.041	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	149732	39.910	ng	98
43) 2,4,5-Trichlorophenol	13.18	196	163687	40.905	ng	99
45) 1,1'-Biphenyl	13.52	154	530026	36.689	ng	97
46) 2-Chloronaphthalene	13.56	162	416688	37.782	ng	99
47) 2-Nitroaniline	13.76	65	141861	40.962	ng	96
48) Acenaphthylene	14.41	152	643085	37.310	ng	99
49) Dimethylphthalate	14.14	163	532080	37.441	ng	98
50) 2,6-Dinitrotoluene	14.25	165	117948	40.334	ng	91
51) Acenaphthene	14.75	154	418633	37.924	ng	98
52) 3-Nitroaniline	14.58	138	133766	42.448	ng	99
53) 2,4-Dinitrophenol	14.78	184	48823	44.078	ng	97
54) Dibenzofuran	15.08	168	651120	37.650	ng	99
55) 4-Nitrophenol	14.88	139	97155	37.707	ng	95
56) 2,4-Dinitrotoluene	15.04	165	166143	43.594	ng	91
57) Fluorene	15.73	166	485628	37.563	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	158771	42.230	ng	95
59) Diethylphthalate	15.50	149	533806	37.272	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	308524	38.647	ng	98
61) 4-Nitroaniline	15.75	138	138836	42.102	ng	96
62) Azobenzene	16.02	77	518135	35.557	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	82543	41.652	ng	89
65) n-Nitrosodiphenylamine	15.93	169	485540	36.221	ng	98
66) 4-Bromophenyl-phenylether	16.62	248	201834	38.213	ng	99
67) Hexachlorobenzene	16.73	284	209548	38.799	ng	97
68) Atrazine	16.88	200	183716	36.513	ng	99
69) Pentachlorophenol	17.07	266	145165	39.547	ng	97
70) Phenanthrene	17.47	178	861033	37.561	ng	100
71) Anthracene	17.56	178	839092	36.721	ng	98
72) Carbazole	17.83	167	840499	36.831	ng	100
73) Di-n-butylphthalate	18.38	149	921436	36.259	ng	100
74) Fluoranthene	19.47	202	1049927	37.566	ng	100
76) Benzidine	19.65	184	484359	32.458	ng	99
77) Pyrene	19.84	202	1068027	37.133	ng	100
79) Butylbenzylphthalate	20.72	149	419704	36.667	ng	95
80) Benzo(a)anthracene	21.67	228	1052491	37.144	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	416439	36.876	ng	99
82) Chrysene	21.74	228	999650	37.220	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	587059	36.650	ng	99
84) Di-n-octyl phthalate	22.80	149	980690	36.655	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1110935	35.612	ng	98
87) Benzo(b)fluoranthene	23.89	252	1026025	36.715	ng	97
88) Benzo(k)fluoranthene	23.95	252	1026018	37.580	ng	98
89) Benzo(a)pyrene	24.75	252	1002214	37.321	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	891340	34.382	ng	97
91) Benzo(g,h,i)perylene	29.70	276	915221	35.130	ng	95

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

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