Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036549.D
Acq On : 5 Sep 2018 3:35
Operator : JU/SJ
Sample : J4523-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-2MSD

Quant Time: Sep 05 06:46:38 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	63380	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	255169	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	169102	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	443327	20.00	ng		0.00
75) Chrysene-d12	21.70	240	450527	20.00	ng		0.00
86) Perylene-d12	24.90	264	468450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	391334	97.94	ng		0.00
7) Phenol-d6	7.21	99	508791	88.94	ng		0.00
23) Nitrobenzene-d5	9.22	82	367868	78.22	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	256710	127.22	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	826936	69.82	ng		0.00
78) Terphenyl-d14	20.03	244	1481845	76.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	60625	32.513	ng		97
3) Pyridine	3.94	79	136836	26.144	ng		95
4) n-Nitrosodimethylamine	3.85	42	89946	38.583	ng		95
6) Aniline	7.38	93	163002	22.448	ng		98
8) 2-Chlorophenol	7.62	128	183865	42.435	ng		97
9) Benzaldehyde	7.19	77	74703	18.963	ng		97
10) Phenol	7.24	94	220495	36.832	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	185584	39.103	ng		97
12) 1,3-Dichlorobenzene	7.95	146	186480	37.692	ng		94
13) 1,4-Dichlorobenzene	8.09	146	187637	37.564	ng		98
14) 1,2-Dichlorobenzene	8.41	146	181318	38.009	ng		98
15) Benzyl Alcohol	8.29	79	184069	39.915	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	339665	35.488	ng		99
17) 2-Methylphenol	8.49	107	163875	41.226	ng		99
18) Hexachloroethane	9.15	117	68629	38.321	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	155811	36.444	ng		96
20) 3+4-Methylphenols	8.82	107	228962	41.257	ng		99
22) Acetophenone	8.88	105	294168	43.902	ng	#	97
24) Nitrobenzene	9.26	77	237412	46.814	ng		98
25) Isophorone	9.79	82	443146	47.432	ng		98
26) 2-Nitrophenol	9.97	139	99681	49.602	ng		96
27) 2,4-Dimethylphenol	10.03	122	188465	50.655	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	255004	44.473	ng		98
29) 2,4-Dichlorophenol	10.51	162	201789	49.488	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	203229	42.605	ng		99
31) Naphthalene	10.91	128	585874	45.931	ng		99
32) Benzoic acid	10.14	122	75629	29.338	ng		99
33) 4-Chloroaniline	11.02	127	57515	9.840	ng		96
34) Hexachlorobutadiene	11.20	225	136440	42.572	ng		99
35) Caprolactam	11.78	113	59997	36.936	ng		90
36) 4-Chloro-3-methylphenol	12.13	107	226170	47.736	ng		99
37) 2-Methylnaphthalene	12.52	142	456601	48.922	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	261230	43.652	ng		99
40) Hexachlorocyclopentadiene	12.86	237	303599	97.506	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	175720	48.204	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	188829	48.565	ng		97
45) 1,1'-Biphenyl	13.52	154	587859	41.880	ng		99
46) 2-Chloronaphthalene	13.56	162	453570	42.327	ng		100
47) 2-Nitroaniline	13.76	65	158158	47.001	ng		98
48) Acenaphthylene	14.40	152	765564	45.713	ng		99
49) Dimethylphthalate	14.14	163	623041	45.121	ng		99
50) 2,6-Dinitrotoluene	14.25	165	137690	48.460	ng		97
51) Acenaphthene	14.75	154	484017	45.127	ng		98
52) 3-Nitroaniline	14.58	138	92690	30.272	ng		97
53) 2,4-Dinitrophenol	14.79	184	65448	60.812	ng		96
54) Dibenzofuran	15.08	168	738896	43.973	ng		100
55) 4-Nitrophenol	14.89	139	201309	80.411	ng		96
56) 2,4-Dinitrotoluene	15.04	165	197031	53.207	ng		92
57) Fluorene	15.73	166	595022	47.368	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	198885	54.443	ng		96
59) Diethylphthalate	15.50	149	621183	44.639	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	339091	43.715	ng		100
61) 4-Nitroaniline	15.75	138	143984	44.938	ng		96
62) Azobenzene	16.01	77	607341	42.895	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	70716	36.312	ng		93
65) n-Nitrosodiphenylamine	15.94	169	550587	41.797	ng		97
66) 4-Bromophenyl-phenylether	16.62	248	228740	44.069	ng		96
67) Hexachlorobenzene	16.73	284	228057	42.969	ng		98
68) Atrazine	16.88	200	210518	42.577	ng		97
69) Pentachlorophenol	17.07	266	260374	72.183	ng		99
70) Phenanthrene	17.47	178	1021381	45.341	ng		98
71) Anthracene	17.56	178	1037907	46.221	ng		98
72) Carbazole	17.82	167	933392	41.621	ng		99
73) Di-n-butylphthalate	18.39	149	1066160	42.693	ng		99
74) Fluoranthene	19.47	202	1257014	45.768	ng		98
76) Benzidine	19.65	184	79885	5.558	ng		97
77) Pyrene	19.83	202	1248381	45.060	ng		97
79) Butylbenzylphthalate	20.72	149	502168	45.545	ng		94
80) Benzo(a)anthracene	21.67	228	1253676	45.933	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	248777	22.871	ng		99
82) Chrysene	21.74	228	1161776	44.907	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	680734	44.121	ng		99
84) Di-n-octyl phthalate	22.79	149	1164137	45.173	ng		98
85) Indeno(1,2,3-cd)pyrene	28.56	276	1392289	46.335	ng	#	94
87) Benzo(b)fluoranthene	23.89	252	1242131	47.750	ng		97
88) Benzo(k)fluoranthene	23.95	252	1206807	47.487	ng		97
89) Benzo(a)pyrene	24.75	252	1217511	48.707	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	1124936	46.616	ng		98
91) Benzo(g,h,i)perylene	29.70	276	1152743	47.535	ng		97

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

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