Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037620.D
Acq On : 29 Oct 2018 13:14
Operator : JU/SJ
Sample : J5690-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 2

Instrument : BNA_G
ClientSampleId : MW-15MS

Quant Time: Oct 30 04:46:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109283	40.00	ng		0.00
21) Naphthalene-d8	10.93	136	493043	40.00	ng		0.00
39) Acenaphthene-d10	14.74	164	324135	40.00	ng		0.00
64) Phenanthrene-d10	17.48	188	755577	40.00	ng		0.00
76) Chrysene-d12	21.77	240	668399	40.00	ng		0.00
87) Perylene-d12	25.11	264	713985	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	181530	55.54	ng		0.00
7) Phenol-d6	7.24	99	162659	32.91	ng		0.00
23) Nitrobenzene-d5	9.28	82	334806	76.08	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	202073	114.32	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	810614	75.42	ng		0.00
79) Terphenyl-d14	20.08	244	1155100	73.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	14063	8.485	ng		94
3) Pyridine	3.94	79	63158	15.119	ng		97
4) n-Nitrosodimethylamine	3.85	42	19658	13.211	ng		93
6) Aniline	7.43	93	168792	27.996	ng		97
8) 2-Chlorophenol	7.66	128	17145	4.484	ng		94
9) Benzaldehyde	7.24	77	75602	24.455	ng		94
10) Phenol	7.27	94	43056	8.257	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	132096	33.354	ng		94
12) 1,3-Dichlorobenzene	7.99	146	135447	31.821	ng		98
13) 1,4-Dichlorobenzene	8.14	146	136246	31.292	ng		96
14) 1,2-Dichlorobenzene	8.46	146	132678	31.678	ng		98
15) Benzyl Alcohol	8.34	79	61178	16.753	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	231943	32.731	ng		99
17) 2-Methylphenol	8.54	107	17717	5.139	ng		93
18) Hexachloroethane	9.19	117	61070	41.142	ng	#	59
19) n-Nitroso-di-n-propylamine	8.91	70	108815	31.974	ng		92
20) 3+4-Methylphenols	8.86	107	19582	3.973	ng		94
22) Acetophenone	8.93	105	229315	37.090	ng	#	98
24) Nitrobenzene	9.32	77	160931	35.202	ng		95
25) Isophorone	9.83	82	312365	38.848	ng		96
26) 2-Nitrophenol	10.03	139	9394	4.561	ng		96
27) 2,4-Dimethylphenol	10.08	122	30835	8.386	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	190522	36.165	ng		96
29) 2,4-Dichlorophenol	10.56	162	19869	4.853	ng		90
30) 1,2,4-Trichlorobenzene	10.78	180	142780	32.069	ng		96
31) Naphthalene	10.97	128	556395	45.951	ng		100
32) Benzoic acid	10.13	122	3535	1.480	ng	#	85
33) 4-Chloroaniline	11.09	127	204481	35.941	ng		96
34) Hexachlorobutadiene	11.24	225	80215	30.398	ng		95
35) Caprolactam	11.86	113	6368	3.878	ng		91
36) 4-Chloro-3-methylphenol	12.18	107	24131	5.226	ng		95
37) 2-Methylnaphthalene	12.57	142	347510	39.371	ng		99
38) 1-Methylnaphthalene	12.79	142	718297	83.797	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	160875	30.774	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	165155	66.140	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	17762	5.086	ng		90
44) 2,4,5-Trichlorophenol	13.24	196	19941	5.244	ng	#	91
46) 1,1'-Biphenyl	13.57	154	421712	31.420	ng		99
47) 2-Chloronaphthalene	13.62	162	332519	32.747	ng		98
48) 2-Nitroaniline	13.82	65	117936	38.300	ng		96
49) Acenaphthylene	14.46	152	556739	36.448	ng		100
50) Dimethylphthalate	14.19	163	462462	36.885	ng		99
51) 2,6-Dinitrotoluene	14.31	165	97879	35.289	ng		96
52) Acenaphthene	14.80	154	330392	35.121	ng		99
53) 3-Nitroaniline	14.65	138	105059	34.120	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	5909	21.103	ng	#	80
55) Dibenzofuran	15.13	168	524200	33.632	ng		99
56) 4-Nitrophenol	14.94	139	18402	8.074	ng		96
57) 2,4-Dinitrotoluene	15.09	165	139424	38.294	ng		98
58) Fluorene	15.78	166	428570	36.718	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	15840	4.865	ng	#	62
60) Diethylphthalate	15.54	149	452194	35.130	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	218438	32.109	ng		99
62) 4-Nitroaniline	15.81	138	101780	33.266	ng		96
63) Azobenzene	16.06	77	426793	34.751	ng		100
65) 4,6-Dinitro-2-methylphenol	15.85	198	7041	19.937	ng		88
66) n-Nitrosodiphenylamine	15.99	169	387920	34.136	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	137688	33.188	ng		98
68) Hexachlorobenzene	16.77	284	139412	32.423	ng		98
69) Atrazine	16.93	200	147997	36.021	ng		99
70) Pentachlorophenol	17.12	266	20871	7.247	ng		98
71) Phenanthrene	17.53	178	682242	35.533	ng		99
72) Anthracene	17.62	178	704274	37.377	ng		99
73) Carbazole	17.89	167	640691	33.992	ng		99
74) Di-n-butylphthalate	18.42	149	756576	36.084	ng		99
75) Fluoranthene	19.53	202	783274	35.968	ng		99
77) Benzidine	19.71	184	459874	40.469	ng		99
78) Pyrene	19.89	202	778746	35.645	ng		99
80) Butylbenzylphthalate	20.76	149	337796	37.780	ng		98
81) Benzo(a)anthracene	21.75	228	738257	37.347	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	225559	29.438	ng		99
83) Chrysene	21.81	228	680279	35.789	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	482245	38.478	ng		98
85) Di-n-octyl phthalate	22.87	149	805191	39.399	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	707905	34.723	ng	#	97
88) Benzo(b)fluoranthene	24.04	252	718413	36.707	ng		98
89) Benzo(k)fluoranthene	24.11	252	687059	35.831	ng		98
90) Benzo(a)pyrene	24.94	252	685065	36.836	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	593221	34.580	ng		97
92) Benzo(g,h,i)perylene	30.13	276	596553	34.372	ng		99

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

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