Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040776.D
Acq On : 7 May 2019 19:08
Operator : HP/JU
Sample : K2697-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4-20190502MS

Quant Time: May 08 08:59:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43832	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	168998	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	126193	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	330124	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	320418	20.00	ng		-0.02
87) Perylene-d12	25.15	264	343563	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	224814	90.41	ng		-0.01
7) Phenol-d6	7.28	99	223206	58.30	ng		-0.01
23) Nitrobenzene-d5	9.32	82	477049	130.43	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	327684	188.92	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	1025625	117.38	ng		-0.02
79) Terphenyl-d14	20.11	244	1888498	130.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	26024	23.013	ng		89
3) Pyridine	3.95	79	102184	31.175	ng		94
4) n-Nitrosodimethylamine	3.87	42	40190	22.106	ng		95
6) Aniline	7.46	93	179020	35.278	ng		99
8) 2-Chlorophenol	7.70	128	136567	44.980	ng		95
9) Benzaldehyde	7.28	77	106208	49.203	ng		95
10) Phenol	7.31	94	80107	19.465	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	156690	50.772	ng		96
12) 1,3-Dichlorobenzene	8.03	146	144687	43.660	ng		98
13) 1,4-Dichlorobenzene	8.18	146	150458	44.787	ng		99
14) 1,2-Dichlorobenzene	8.50	146	147150	45.419	ng		98
15) Benzyl Alcohol	8.38	79	130098	32.658	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	274810	44.726	ng		98
17) 2-Methylphenol	8.58	107	112164	38.511	ng		98
18) Hexachloroethane	9.23	117	52691	38.235	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	158621	46.025	ng		93
20) 3+4-Methylphenols	8.90	107	144243	35.551	ng		98
22) Acetophenone	8.97	105	289964	61.702	ng	#	95
24) Nitrobenzene	9.37	77	242308	62.093	ng		93
25) Isophorone	9.88	82	449360	55.156	ng		99
26) 2-Nitrophenol	10.08	139	92225	65.931	ng		99
27) 2,4-Dimethylphenol	10.11	122	142800	54.409	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	237349	58.067	ng		96
29) 2,4-Dichlorophenol	10.60	162	185331	62.113	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	184070	55.630	ng		99
31) Naphthalene	11.02	128	509644	56.764	ng		100
33) 4-Chloroaniline	11.13	127	178253	44.778	ng		96
34) Hexachlorobutadiene	11.28	225	126281	51.695	ng		99
35) Caprolactam	11.91	113	11227	9.530	ng		93
36) 4-Chloro-3-methylphenol	12.22	107	214006	56.855	ng		97
37) 2-Methylnaphthalene	12.61	142	398836	59.413	ng		97
38) 1-Methylnaphthalene	12.83	142	383877	58.505	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	277365	59.001	ng		99
41) Hexachlorocyclopentadiene	12.94	237	259030	93.379	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.21	196	151847	53.451	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	194064	62.709	ng		98
46) 1,1'-Biphenyl	13.61	154	553548	56.498	ng		97
47) 2-Chloronaphthalene	13.66	162	452997	59.079	ng		98
48) 2-Nitroaniline	13.86	65	188370	69.016	ng		97
49) Acenaphthylene	14.50	152	729406	56.069	ng		98
50) Dimethylphthalate	14.22	163	638717	60.494	ng		100
51) 2,6-Dinitrotoluene	14.35	165	139395	67.646	ng		97
52) Acenaphthene	14.84	154	427607	56.443	ng		96
53) 3-Nitroaniline	14.68	138	119345	56.525	ng		93
55) Dibenzofuran	15.17	168	752350	60.630	ng		99
56) 4-Nitrophenol	14.96	139	19736	10.780	ng	#	84
57) 2,4-Dinitrotoluene	15.13	165	205765	73.485	ng	#	90
58) Fluorene	15.82	166	602480	60.070	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	141331	45.373	ng		97
60) Diethylphthalate	15.57	149	675130	60.605	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	376789	64.593	ng		97
62) 4-Nitroaniline	15.84	138	139930	59.246	ng		92
63) Azobenzene	16.10	77	645401	56.257	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	5093	9.769	ng		89
66) n-Nitrosodiphenylamine	16.02	169	566609	58.338	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	253331	61.595	ng		93
68) Hexachlorobenzene	16.81	284	262501	61.725	ng		96
69) Atrazine	16.96	200	243221	63.206	ng		96
70) Pentachlorophenol	17.15	266	119844	48.158	ng		98
71) Phenanthrene	17.56	178	1043890	58.707	ng		98
72) Anthracene	17.65	178	1059335	59.270	ng		99
73) Carbazole	17.92	167	932335	57.255	ng		98
74) Di-n-butylphthalate	18.46	149	1109007	56.425	ng		100
75) Fluoranthene	19.56	202	1314375	59.317	ng		98
77) Benzidine	19.74	184	487584	55.577	ng		98
78) Pyrene	19.93	202	1323203	65.889	ng		98
80) Butylbenzylphthalate	20.79	149	512594	65.489	ng		94
81) Benzo(a)anthracene	21.78	228	1277212	63.070	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	385083	53.351	ng		99
83) Chrysene	21.85	228	1268599	65.871	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	715704	63.344	ng		96
85) Di-n-octyl phthalate	22.91	149	1203394	63.242	ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1365441	58.640	ng	#	88
88) Benzo(b)fluoranthene	24.09	252	1304842	62.151	ng		99
89) Benzo(k)fluoranthene	24.16	252	1311650	66.897	ng		98
90) Benzo(a)pyrene	25.00	252	1276916	64.253	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	1088380	54.119	ng		99
92) Benzo(g,h,i)perylene	30.23	276	1088534	54.385	ng		97

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

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