Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041058.D
Acq On : 4 Jun 2019 13:09
Operator : HP/JU
Sample : K3110-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-B1-C1-B1A-C1AMS

Quant Time: Jun 05 05:21:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48784	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	184788	20.00	ng		-0.01
39) Acenaphthene-d10	14.74	164	135254	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	344242	20.00	ng		-0.01
76) Chrysene-d12	21.77	240	328004	20.00	ng		-0.01
87) Perylene-d12	25.10	264	346611	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	353986	130.84	ng		0.00
7) Phenol-d6	7.27	99	520175	124.50	ng		0.00
23) Nitrobenzene-d5	9.29	82	351056	84.34	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	279246	139.07	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	787735	83.87	ng		-0.01
79) Terphenyl-d14	20.09	244	1287995	83.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37163	30.272	ng		95
3) Pyridine	3.92	79	83088	22.873	ng		99
4) n-Nitrosodimethylamine	3.85	42	58855	34.910	ng		94
6) Aniline	7.44	93	88532	15.874	ng		94
8) 2-Chlorophenol	7.68	128	117803	36.524	ng		99
9) Benzaldehyde	7.25	77	56063	22.493	ng	#	82
10) Phenol	7.29	94	162356	36.241	ng		94
11) bis(2-Chloroethyl)ether	7.53	93	109087	33.566	ng		98
12) 1,3-Dichlorobenzene	8.00	146	127622	33.129	ng		97
13) 1,4-Dichlorobenzene	8.15	146	126450	32.429	ng		95
14) 1,2-Dichlorobenzene	8.47	146	124736	32.946	ng		97
15) Benzyl Alcohol	8.35	79	133438	34.525	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	169034	31.830	ng		98
17) 2-Methylphenol	8.55	107	112677	34.738	ng		99
18) Hexachloroethane	9.20	117	49322	32.819	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	102917	32.008	ng		99
20) 3+4-Methylphenols	8.88	107	152206	33.876	ng		97
22) Acetophenone	8.95	105	197722	38.144	ng		99
24) Nitrobenzene	9.33	77	158878	37.454	ng		97
25) Isophorone	9.85	82	299824	37.849	ng		99
26) 2-Nitrophenol	10.04	139	72469	41.441	ng		94
27) 2,4-Dimethylphenol	10.09	122	120397	41.686	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	157512	36.841	ng		96
29) 2,4-Dichlorophenol	10.57	162	140956	38.433	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	149861	35.919	ng		96
31) Naphthalene	10.98	128	364900	36.779	ng		99
32) Benzoic acid	10.18	122	29438	19.018	ng		88
33) 4-Chloroaniline	11.10	127	73227	15.907	ng		94
34) Hexachlorobutadiene	11.25	225	109118	34.181	ng		98
35) Caprolactam	11.89	113	44987	37.145	ng	#	81
36) 4-Chloro-3-methylphenol	12.20	107	161789	38.626	ng		97
37) 2-Methylnaphthalene	12.58	142	277739	36.347	ng		99
38) 1-Methylnaphthalene	12.80	142	263843	36.641	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	197741	36.273	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	224432	76.938	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	133899	37.968	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	144966	38.977	ng		99
46) 1,1'-Biphenyl	13.58	154	373351	37.291	ng		99
47) 2-Chloronaphthalene	13.63	162	309366	35.994	ng		99
48) 2-Nitroaniline	13.84	65	113321	36.752	ng		97
49) Acenaphthylene	14.47	152	485389	37.523	ng		99
50) Dimethylphthalate	14.19	163	538941	47.072	ng		99
51) 2,6-Dinitrotoluene	14.33	165	92312	37.395	ng		98
52) Acenaphthene	14.81	154	280839	35.837	ng		96
53) 3-Nitroaniline	14.66	138	48406	19.610	ng	#	91
54) 2,4-Dinitrophenol	14.86	184	89640	72.684	ng		96
55) Dibenzofuran	15.14	168	485169	36.794	ng		99
56) 4-Nitrophenol	14.96	139	147547	87.143	ng		96
57) 2,4-Dinitrotoluene	15.11	165	132447	37.983	ng	#	98
58) Fluorene	15.79	166	385065	36.669	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147847	40.449	ng		98
60) Diethylphthalate	15.54	149	423605	36.254	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	243985	35.746	ng		95
62) 4-Nitroaniline	15.82	138	90340	34.569	ng		92
63) Azobenzene	16.07	77	380546	35.834	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	79470	43.961	ng		98
66) n-Nitrosodiphenylamine	15.99	169	358770	37.074	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	160499	34.548	ng		96
68) Hexachlorobenzene	16.78	284	163106	32.971	ng		94
69) Atrazine	16.93	200	154740	41.441	ng		97
70) Pentachlorophenol	17.13	266	196978	74.631	ng		98
71) Phenanthrene	17.53	178	653809	36.462	ng		99
72) Anthracene	17.62	178	676059	38.228	ng		100
73) Carbazole	17.89	167	581765	38.339	ng		99
74) Di-n-butylphthalate	18.42	149	683538	36.243	ng		98
75) Fluoranthene	19.53	202	810008	36.573	ng		100
77) Benzidine	19.72	184	132975	16.994	ng		95
78) Pyrene	19.90	202	814404	38.195	ng		98
80) Butylbenzylphthalate	20.76	149	298070	35.922	ng		99
81) Benzo(a)anthracene	21.75	228	774484	35.471	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	156880	20.428	ng		96
83) Chrysene	21.82	228	770347	36.869	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	415746	35.592	ng		99
85) Di-n-octyl phthalate	22.86	149	724999	37.267	ng		98
86) Indeno(1,2,3-cd)pyrene	28.94	276	948718	37.067	ng	#	98
88) Benzo(b)fluoranthene	24.03	252	793316	37.735	ng		98
89) Benzo(k)fluoranthene	24.10	252	779167	37.453	ng		98
90) Benzo(a)pyrene	24.94	252	779274	38.852	ng		96
91) Dibenzo(a,h)anthracene	29.00	278	791583	39.497	ng		99
92) Benzo(g,h,i)perylene	30.16	276	791300	40.640	ng		98

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

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