Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043530.D
Acq On : 6 Nov 2019 21:26
Operator : JU
Sample : K5612-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GL-STOCKPILEMSD

Manual Integrations APPROVED
Sohil
11/8/2019 3:29:56 PM

Quant Time: Nov 07 01:31:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29782	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	115223	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	81007	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	194261	20.00	ng		0.00
76) Chrysene-d12	21.65	240	212745	20.00	ng		0.00
87) Perylene-d12	24.85	264	252551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	173648	106.84	ng		0.00
7) Phenol-d6	7.20	99	246074	105.23	ng		0.00
23) Nitrobenzene-d5	9.17	82	147560	66.02	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	143009	92.77	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	372842	63.60	ng		0.00
79) Terphenyl-d14	20.00	244	723039	63.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	23498	37.101	ng		98
3) Pyridine	3.87	79	56928	35.632	ng		98
4) n-Nitrosodimethylamine	3.79	42	34270	42.509	ng		97
6) Aniline	7.34	93	47670	17.697	ng		91
8) 2-Chlorophenol	7.58	128	81041	45.171	ng		97
9) Benzaldehyde	7.15	77	40353	35.115	ng		83
10) Phenol	7.22	94	102491	47.965	ng		93
11) bis(2-Chloroethyl)ether	7.42	93	66643	40.340	ng		100
12) 1,3-Dichlorobenzene	7.90	146	89099	39.637	ng		95
13) 1,4-Dichlorobenzene	8.05	146	92013	40.458	ng		97
14) 1,2-Dichlorobenzene	8.36	146	88150	39.697	ng		96
15) Benzyl Alcohol	8.25	79	69521	42.333	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	90768	37.786	ng		94
17) 2-Methylphenol	8.47	107	66176	42.483	ng		96
18) Hexachloroethane	9.09	117	32864	40.052	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	59202	39.181	ng		94
20) 3+4-Methylphenols	8.80	107	92648	43.374	ng		95
22) Acetophenone	8.83	105	116538	39.494	ng	#	95
24) Nitrobenzene	9.22	77	88407	41.524	ng		97
25) Isophorone	9.73	82	166673	40.790	ng		99
26) 2-Nitrophenol	9.93	139	46641	45.376	ng		93
27) 2,4-Dimethylphenol	10.00	122	70887	48.117	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	91870	40.737	ng		99
29) 2,4-Dichlorophenol	10.47	162	82021	43.452	ng		100
30) 1,2,4-Trichlorobenzene	10.68	180	94885	39.883	ng		97
31) Naphthalene	10.87	128	249081	42.588	ng		98
32) Benzoic acid	10.16	122	34178	33.704	ng		94
33) 4-Chloroaniline	10.99	127	26634	11.109	ng		95
34) Hexachlorobutadiene	11.15	225	65618	37.311	ng		97
35) Caprolactam	11.74	113	26776m	41.188	ng		
36) 4-Chloro-3-methylphenol	12.11	107	90142	43.780	ng		99
37) 2-Methylnaphthalene	12.47	142	187309	41.739	ng		99
38) 1-Methylnaphthalene	12.69	142	178566	41.821	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	119943	40.008	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	114712	72.840	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	75417	42.717	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	81118	45.447	ng		98
46) 1,1'-Biphenyl	13.48	154	253614	41.154	ng		97
47) 2-Chloronaphthalene	13.52	162	194224	41.422	ng		98
48) 2-Nitroaniline	13.72	65	58630	41.836	ng		92
49) Acenaphthylene	14.36	152	319771	43.819	ng		99
50) Dimethylphthalate	14.09	163	324743	51.756	ng		98
51) 2,6-Dinitrotoluene	14.22	165	56245	41.262	ng		99
52) Acenaphthene	14.70	154	187439	42.118	ng		97
53) 3-Nitroaniline	14.55	138	20081	15.258	ng		96
54) 2,4-Dinitrophenol	14.76	184	63356	74.938	ng		98
55) Dibenzofuran	15.04	168	311713	43.192	ng		98
56) 4-Nitrophenol	14.89	139	82584	93.638	ng		90
57) 2,4-Dinitrotoluene	15.00	165	82901	42.555	ng	#	97
58) Fluorene	15.69	166	258486	42.704	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	79279m	41.805	ng		
60) Diethylphthalate	15.46	149	258008	40.924	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	144439	40.904	ng		100
62) 4-Nitroaniline	15.72	138	55204	40.616	ng		97
63) Azobenzene	15.97	77	217430	42.613	ng		99
65) 4,6-Dinitro-2-methylphenol	15.77	198	53940	47.182	ng		96
66) n-Nitrosodiphenylamine	15.89	169	231242	42.163	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	104490	39.968	ng		98
68) Hexachlorobenzene	16.70	284	116250	38.738	ng		97
69) Atrazine	16.84	200	102227	53.642	ng		97
70) Pentachlorophenol	17.05	266	111839	81.789	ng		100
71) Phenanthrene	17.43	178	411348	41.351	ng		99
72) Anthracene	17.52	178	430297	43.234	ng		98
73) Carbazole	17.79	167	390272	43.301	ng		99
74) Di-n-butylphthalate	18.34	149	463308	42.366	ng		99
75) Fluoranthene	19.44	202	555632	42.844	ng		99
77) Benzidine	19.62	184	185569	43.341	ng		97
78) Pyrene	19.80	202	563067	42.758	ng		99
80) Butylbenzylphthalate	20.68	149	213760	42.846	ng		94
81) Benzo(a)anthracene	21.64	228	576483	43.259	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	97218	18.862	ng		97
83) Chrysene	21.70	228	566219	42.764	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	306091	43.190	ng		100
85) Di-n-octyl phthalate	22.74	149	532678	44.302	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	730735	43.966	ng	#	57
88) Benzo(b)fluoranthene	23.83	252	604649	42.272	ng		99
89) Benzo(k)fluoranthene	23.90	252	607797	42.209	ng		97
90) Benzo(a)pyrene	24.70	252	568769	41.641	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	618696	44.284	ng		99
92) Benzo(g,h,i)perylene	29.63	276	617958	44.841	ng		99

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

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