Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040846.D
Acq On : 10 May 2019 11:33
Operator : HP/JU
Sample : K2764-20MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MS

Manual Integrations APPROVED
Sohil
5/13/2019 8:39:09 PM

Quant Time: May 10 15:33:40 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	8.14	152	58508	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	239158	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	183188	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	444984	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	427455	20.00	ng		-0.02
87) Perylene-d12	25.16	264	469884	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	562079	169.35	ng		0.00
7) Phenol-d6	7.29	99	839494	164.27	ng		0.00
23) Nitrobenzene-d5	9.33	82	588755	113.75	ng		-0.01
42) 2,4,6-Tribromophenol	16.26	330	436268	173.26	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	1129414	89.04	ng		-0.02
79) Terphenyl-d14	20.11	244	1716872	88.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	61321	40.624	ng		91
3) Pyridine	3.95	79	148803	34.010	ng		97
4) n-Nitrosodimethylamine	3.87	42	112197	46.232	ng	#	95
6) Aniline	7.47	93	125644	18.549	ng		100
8) 2-Chlorophenol	7.71	128	219302	54.112	ng		96
9) Benzaldehyde	7.28	77	125296	41.223	ng		96
10) Phenol	7.32	94	301988	54.972	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	205235	49.821	ng		98
12) 1,3-Dichlorobenzene	8.03	146	230789	52.173	ng		97
13) 1,4-Dichlorobenzene	8.18	146	234934	52.391	ng		99
14) 1,2-Dichlorobenzene	8.50	146	229707	53.116	ng		93
15) Benzyl Alcohol	8.38	79	260546	48.998	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	339303	41.370	ng		96
17) 2-Methylphenol	8.57	107	213291	54.863	ng		95
18) Hexachloroethane	9.23	117	91373	49.673	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	205115	44.587	ng		93
20) 3+4-Methylphenols	8.90	107	292573	54.022	ng		98
22) Acetophenone	8.97	105	372589	56.025	ng	#	94
24) Nitrobenzene	9.37	77	315025	57.045	ng		95
25) Isophorone	9.88	82	580013	50.308	ng		97
26) 2-Nitrophenol	10.07	139	138035	69.731	ng		97
27) 2,4-Dimethylphenol	10.12	122	238151	64.120	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	298862	51.666	ng		99
29) 2,4-Dichlorophenol	10.61	162	273773	64.837	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	288033	61.513	ng		99
31) Naphthalene	11.02	128	726374	57.169	ng		98
32) Benzoic acid	10.27	122	158450	62.318	ng		96
33) 4-Chloroaniline	11.12	127	53872	9.563	ng		94
34) Hexachlorobutadiene	11.28	225	208217	60.232	ng		99
35) Caprolactam	11.92	113	89414m	53.635	ng		
36) 4-Chloro-3-methylphenol	12.23	107	321398	60.337	ng		99
37) 2-Methylnaphthalene	12.61	142	554252	58.344	ng		100
38) 1-Methylnaphthalene	12.83	142	527519	56.811	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	397047	58.182	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	329101	81.727 ng		98
43) 2,4,6-Trichlorophenol	13.20	196	268988	65.226 ng		98
44) 2,4,5-Trichlorophenol	13.28	196	290063	64.567 ng		95
46) 1,1'-Biphenyl	13.61	154	730590	51.367 ng		96
47) 2-Chloronaphthalene	13.66	162	617610	55.487 ng		98
48) 2-Nitroaniline	13.86	65	242585	61.226 ng		95
49) Acenaphthylene	14.50	152	991563	52.507 ng		98
50) Dimethylphthalate	14.23	163	930607	60.717 ng		99
51) 2,6-Dinitrotoluene	14.36	165	186691	62.410 ng		86
52) Acenaphthene	14.84	154	572591	52.065 ng		97
53) 3-Nitroaniline	14.69	138	94665	30.886 ng	#	85
54) 2,4-Dinitrophenol	14.88	184	180935	104.857 ng		91
55) Dibenzofuran	15.17	168	965967	53.625 ng		99
56) 4-Nitrophenol	14.98	139	293470	110.423 ng		91
57) 2,4-Dinitrotoluene	15.14	165	263761	64.890 ng		91
58) Fluorene	15.82	166	772885	53.085 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	299653	66.270 ng		95
60) Diethylphthalate	15.57	149	831055	51.391 ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	479152	56.585 ng		97
62) 4-Nitroaniline	15.85	138	179238	52.278 ng		89
63) Azobenzene	16.10	77	792548	47.589 ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	139725	61.400 ng		88
66) n-Nitrosodiphenylamine	16.02	169	708084	54.086 ng		99
67) 4-Bromophenyl-phenylether	16.70	248	319769	57.680 ng		93
68) Hexachlorobenzene	16.81	284	322689	56.292 ng		97
69) Atrazine	16.96	200	303049	58.425 ng		99
70) Pentachlorophenol	17.16	266	427681	127.498 ng		97
71) Phenanthrene	17.56	178	1427778	59.570 ng		96
72) Anthracene	17.65	178	1300496	53.981 ng		97
73) Carbazole	17.92	167	1126407	51.318 ng		98
74) Di-n-butylphthalate	18.46	149	1269789	47.930 ng		99
75) Fluoranthene	19.56	202	1800442	60.280 ng		96
77) Benzidine	19.74	184	160904	13.748 ng		98
78) Pyrene	19.93	202	2091973m	78.085 ng		
80) Butylbenzylphthalate	20.79	149	589865	56.490 ng		95
81) Benzo(a)anthracene	21.78	228	1715813	63.512 ng		94
82) 3,3'-Dichlorobenzidine	21.69	252	266577	27.685 ng		98
83) Chrysene	21.85	228	1734119	67.495 ng		95
84) Bis(2-ethylhexyl)phthalate	21.65	149	833537	55.300 ng		96
85) Di-n-octyl phthalate	22.91	149	1421319	55.991 ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1949501	62.759 ng	#	90
88) Benzo(b)fluoranthene	24.09	252	1816015	63.245 ng		96
89) Benzo(k)fluoranthene	24.16	252	1606526m	59.909 ng		
90) Benzo(a)pyrene	25.01	252	1706071	62.769 ng		99
91) Dibenzo(a,h)anthracene	29.11	278	1482104	53.884 ng		96
92) Benzo(g,h,i)perylene	30.26	276	1642640	60.007 ng		98

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

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