Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042290.D
Acq On : 17 Aug 2019 14:49
Operator : HP/JU
Sample : K3616-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Manual Integrations APPROVED
Jagrut
8/19/2019 2:19:46 PM

Quant Time: Aug 19 08:36:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64967	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	246921	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	188395	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	446182	20.00	ng		0.00
76) Chrysene-d12	21.70	240	481882	20.00	ng		0.00
87) Perylene-d12	24.94	264	574014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	440175	131.82	ng		0.00
7) Phenol-d6	7.17	99	567999	126.17	ng		0.00
23) Nitrobenzene-d5	9.18	82	372691	103.87	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	397023	185.53	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1110433	103.96	ng		0.00
79) Terphenyl-d14	20.03	244	2039480	96.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	47696	30.348	ng	#	46
3) Pyridine	3.85	79	111747	25.929	ng	#	78
4) n-Nitrosodimethylamine	3.75	42	50931	29.810	ng	#	71
6) Aniline	7.33	93	62762	9.901	ng		92
8) 2-Chlorophenol	7.58	128	185715	48.571	ng		86
9) Benzaldehyde	7.14	77	66642	21.039	ng		84
10) Phenol	7.20	94	185437	39.595	ng		93
11) bis(2-Chloroethyl)ether	7.42	93	154709	40.182	ng		85
12) 1,3-Dichlorobenzene	7.90	146	205572m	41.194	ng		
13) 1,4-Dichlorobenzene	8.05	146	211194	42.294	ng		97
14) 1,2-Dichlorobenzene	8.37	146	200716	42.125	ng		94
15) Benzyl Alcohol	8.25	79	139764	39.463	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	202698	29.592	ng		89
17) 2-Methylphenol	8.46	107	149163	43.794	ng		96
18) Hexachloroethane	9.10	117	71416	41.764	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	121555	37.192	ng	#	81
20) 3+4-Methylphenols	8.79	107	203920	43.751	ng		97
22) Acetophenone	8.83	105	259805	47.040	ng	#	87
24) Nitrobenzene	9.22	77	176472	46.684	ng		89
25) Isophorone	9.74	82	350597	44.917	ng		96
26) 2-Nitrophenol	9.94	139	112166	63.935	ng	#	85
27) 2,4-Dimethylphenol	10.00	122	180346	58.244	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	220527	45.211	ng		98
29) 2,4-Dichlorophenol	10.48	162	215368	57.116	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	228141	47.712	ng		99
31) Naphthalene	10.88	128	564720	49.971	ng		96
32) Benzoic acid	10.11	122	9382m	12.199	ng		
34) Hexachlorobutadiene	11.17	225	145617	45.122	ng		99
35) Caprolactam	11.76	113	53843m	41.088	ng		
36) 4-Chloro-3-methylphenol	12.12	107	206429	55.219	ng		91
37) 2-Methylnaphthalene	12.49	142	457553	51.152	ng		98
38) 1-Methylnaphthalene	12.71	142	428152	50.508	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	278347	46.675	ng	#	98
41) Hexachlorocyclopentadiene	12.85	237	271878	81.089	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	198895	52.769	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	220975	56.416	ng	#	93
46) 1,1'-Biphenyl	13.50	154	597280	49.319	ng		96
47) 2-Chloronaphthalene	13.55	162	491282	47.647	ng		95
48) 2-Nitroaniline	13.75	65	120867	46.220	ng	#	73
49) Acenaphthylene	14.39	152	781840	50.692	ng		98
50) Dimethylphthalate	14.12	163	676440	52.574	ng		99
51) 2,6-Dinitrotoluene	14.24	165	160923	59.813	ng	#	76
52) Acenaphthene	14.73	154	461324	45.988	ng		98
53) 3-Nitroaniline	14.57	138	32101	11.153	ng	#	83
54) 2,4-Dinitrophenol	14.78	184	86224	58.846	ng	#	80
55) Dibenzofuran	15.07	168	778197	50.719	ng		94
56) 4-Nitrophenol	14.89	139	251514	115.120	ng	#	83
57) 2,4-Dinitrotoluene	15.03	165	228769	61.831	ng	#	82
58) Fluorene	15.72	166	640520	52.019	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	217838	56.153	ng	#	91
60) Diethylphthalate	15.48	149	653031	51.697	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	371295	49.394	ng		95
62) 4-Nitroaniline	15.74	138	151162	48.487	ng		90
63) Azobenzene	16.00	77	461107	44.686	ng		88
65) 4,6-Dinitro-2-methylphenol	15.80	198	87753	41.300	ng		78
66) n-Nitrosodiphenylamine	15.93	169	612070	50.361	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	261373	47.556	ng		95
68) Hexachlorobenzene	16.73	284	276188	48.034	ng	#	90
69) Atrazine	16.87	200	239343	50.122	ng		99
70) Pentachlorophenol	17.08	266	316065	96.762	ng		97
71) Phenanthrene	17.46	178	1098123	51.346	ng		95
72) Anthracene	17.55	178	1125215	52.753	ng		95
73) Carbazole	17.82	167	1048036	54.744	ng		95
74) Di-n-butylphthalate	18.38	149	1169688	53.893	ng	#	96
75) Fluoranthene	19.47	202	1420124	54.629	ng		93
77) Benzidine	19.65	184	248990	15.830	ng		96
78) Pyrene	19.84	202	1417382	49.644	ng		94
80) Butylbenzylphthalate	20.72	149	578254	52.826	ng	#	85
81) Benzo(a)anthracene	21.68	228	1428653	50.110	ng		94
82) 3,3'-Dichlorobenzidine	21.59	252	226547	19.791	ng	#	97
83) Chrysene	21.75	228	1376254	50.359	ng		95
84) Bis(2-ethylhexyl)phthalate	21.58	149	812790	53.828	ng		97
85) Di-n-octyl phthalate	22.81	149	1388739	54.649	ng	#	86
86) Indeno(1,2,3-cd)pyrene	28.66	276	1897137	52.439	ng	#	94
88) Benzo(b)fluoranthene	23.92	252	1567735m	49.926	ng		
89) Benzo(k)fluoranthene	23.99	252	1554433	50.819	ng	#	97
90) Benzo(a)pyrene	24.80	252	1551322	51.512	ng	#	96
91) Dibenzo(a,h)anthracene	28.73	278	1550441	52.431	ng	#	96
92) Benzo(g,h,i)perylene	29.84	276	1583525	53.599	ng	#	94

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

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