Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042291.D
Acq On : 17 Aug 2019 15:27
Operator : HP/JU
Sample : K3616-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
Jagrut
8/19/2019 2:19:48 PM

Quant Time: Aug 19 08:37:22 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	60368	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	229670	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	173416	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	417787	20.00	ng		0.00
76) Chrysene-d12	21.70	240	452884	20.00	ng		0.00
87) Perylene-d12	24.95	264	545583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	396036	127.64	ng		0.00
7) Phenol-d6	7.17	99	504834	120.69	ng		0.00
23) Nitrobenzene-d5	9.18	82	330548	99.04	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	356503	180.99	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1002465	101.96	ng		0.00
79) Terphenyl-d14	20.03	244	1909176	96.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	44872	30.726	ng	#	45
3) Pyridine	3.84	79	95216	23.776	ng	#	79
4) n-Nitrosodimethylamine	3.75	42	44303	27.906	ng	#	74
6) Aniline	7.33	93	72758	12.353	ng		93
8) 2-Chlorophenol	7.57	128	167427	47.123	ng		87
9) Benzaldehyde	7.14	77	55749	18.941	ng		81
10) Phenol	7.20	94	169947	39.052	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	138300	38.657	ng		85
12) 1,3-Dichlorobenzene	7.90	146	191302	41.254	ng		96
13) 1,4-Dichlorobenzene	8.04	146	194054	41.822	ng		96
14) 1,2-Dichlorobenzene	8.37	146	184775	41.734	ng		94
15) Benzyl Alcohol	8.25	79	123754	37.605	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	181876	28.575	ng		89
17) 2-Methylphenol	8.45	107	136708	43.195	ng		95
18) Hexachloroethane	9.10	117	64763	40.759	ng		87
19) n-Nitroso-di-n-propylamine	8.82	70	110240	36.300	ng	#	80
20) 3+4-Methylphenols	8.79	107	187872	43.379	ng		96
22) Acetophenone	8.84	105	235165	45.777	ng	#	87
24) Nitrobenzene	9.22	77	161334	45.886	ng		91
25) Isophorone	9.75	82	315573	43.467	ng		93
26) 2-Nitrophenol	9.93	139	101807	62.389	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	160450	55.711	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	197458	43.523	ng		99
29) 2,4-Dichlorophenol	10.48	162	195386	55.709	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	207196	46.586	ng		97
31) Naphthalene	10.88	128	509392	48.461	ng		97
32) Benzoic acid	10.13	122	57128	31.445	ng		94
33) 4-Chloroaniline	11.00	127	13108	2.630	ng	#	89
34) Hexachlorobutadiene	11.17	225	133188	44.371	ng		97
35) Caprolactam	11.76	113	48508m	39.797	ng		
36) 4-Chloro-3-methylphenol	12.12	107	186515	53.640	ng		95
37) 2-Methylnaphthalene	12.49	142	408370	49.082	ng		98
38) 1-Methylnaphthalene	12.71	142	392106	49.730	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	254583	46.378	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	239457	77.588	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	181701	52.371	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	200023	55.478	ng	#	94
46) 1,1'-Biphenyl	13.50	154	542048	48.624	ng		95
47) 2-Chloronaphthalene	13.54	162	443575	46.736	ng		94
48) 2-Nitroaniline	13.74	65	108814	45.205	ng	#	69
49) Acenaphthylene	14.39	152	715372	50.389	ng		97
50) Dimethylphthalate	14.12	163	620364	52.380	ng		99
51) 2,6-Dinitrotoluene	14.24	165	145729	58.844	ng	#	78
52) Acenaphthene	14.73	154	423897	45.908	ng		99
53) 3-Nitroaniline	14.56	138	46568	17.577	ng	#	83
54) 2,4-Dinitrophenol	14.78	184	108768	74.372	ng	#	77
55) Dibenzofuran	15.07	168	707828	50.117	ng		94
56) 4-Nitrophenol	14.89	139	232372	115.545	ng	#	80
57) 2,4-Dinitrotoluene	15.03	165	208275	61.154	ng	#	83
58) Fluorene	15.72	166	584829	51.599	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202600	56.736	ng	#	90
60) Diethylphthalate	15.48	149	594013	51.086	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	340419	49.198	ng		92
62) 4-Nitroaniline	15.73	138	143740	50.089	ng		91
63) Azobenzene	16.00	77	418729	44.084	ng		87
65) 4,6-Dinitro-2-methylphenol	15.80	198	102046	49.633	ng		80
66) n-Nitrosodiphenylamine	15.92	169	560458	49.248	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	240125	46.660	ng		96
68) Hexachlorobenzene	16.73	284	249170	46.280	ng	#	89
69) Atrazine	16.87	200	214674	48.011	ng		99
70) Pentachlorophenol	17.07	266	317163	103.698	ng		98
71) Phenanthrene	17.46	178	1012092	50.539	ng		94
72) Anthracene	17.56	178	1027377	51.440	ng		94
73) Carbazole	17.82	167	947714	52.868	ng		94
74) Di-n-butylphthalate	18.38	149	1068406	52.572	ng	#	95
75) Fluoranthene	19.48	202	1313845	53.975	ng		92
77) Benzidine	19.65	184	246079	16.647	ng		95
78) Pyrene	19.83	202	1317806	49.112	ng		92
80) Butylbenzylphthalate	20.72	149	535642	52.066	ng	#	85
81) Benzo(a)anthracene	21.68	228	1324911	49.447	ng		94
82) 3,3'-Dichlorobenzidine	21.59	252	266619	24.783	ng	#	96
83) Chrysene	21.74	228	1274517	49.622	ng		94
84) Bis(2-ethylhexyl)phthalate	21.59	149	751548	52.960	ng		97
85) Di-n-octyl phthalate	22.81	149	1277861	53.506	ng	#	86
86) Indeno(1,2,3-cd)pyrene	28.67	276	1741268	51.213	ng	#	95
88) Benzo(b)fluoranthene	23.92	252	1443946	48.380	ng	#	96
89) Benzo(k)fluoranthene	23.98	252	1444501	49.686	ng	#	96
90) Benzo(a)pyrene	24.79	252	1442339	50.389	ng	#	95
91) Dibenzo(a,h)anthracene	28.72	278	1426988	50.771	ng	#	97
92) Benzo(g,h,i)perylene	29.83	276	1452744	51.735	ng	#	93

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

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