Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042780.D
Acq On : 12 Sep 2019 13:05
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad

Quant Time: Sep 12 14:04:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:36:43 2019
Response via : Initial Calibration

9/16/2019 9:03:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	90486	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	360385	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	250392	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	578003	20.00	ng		0.00
76) Chrysene-d12	21.77	240	542359	20.00	ng		0.01
87) Perylene-d12	25.05	264	613812	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	1002300	190.61	ng		0.00
7) Phenol-d6	7.28	99	1423938	190.38	ng		0.02
23) Nitrobenzene-d5	9.29	82	1413461	237.41	ng		0.01
42) 2,4,6-Tribromophenol	16.23	330	664500	209.62	ng		0.01
45) 2-Fluorobiphenyl	13.38	172	2737178	172.73	ng		0.00
79) Terphenyl-d14	20.10	244	3792001	154.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	225952	94.472	ng		96
3) Pyridine	3.99	79	659256	91.245	ng		97
4) n-Nitrosodimethylamine	3.90	42	352900	99.312	ng		98
6) Aniline	7.45	93	951877	93.434	ng		98
8) 2-Chlorophenol	7.69	128	546934	98.259	ng		95
10) Phenol	7.31	94	732729	96.428	ng		96
11) bis(2-Chloroethyl)ether	7.55	93	577334	98.312	ng		96
12) 1,3-Dichlorobenzene	8.02	146	664439	96.660	ng		98
13) 1,4-Dichlorobenzene	8.16	146	666378	97.099	ng		98
14) 1,2-Dichlorobenzene	8.48	146	634144	97.353	ng		98
15) Benzyl Alcohol	8.36	79	631987	98.547	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	1228336	93.079	ng		98
17) 2-Methylphenol	8.56	107	510123	98.722	ng		98
18) Hexachloroethane	9.22	117	250411	99.674	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	538443	97.893	ng		96
20) 3+4-Methylphenols	8.89	107	698480	99.167	ng		96
22) Acetophenone	8.95	105	894234	97.741	ng	#	98
24) Nitrobenzene	9.33	77	751075	116.709	ng		96
25) Isophorone	9.86	82	1406403	97.890	ng		96
26) 2-Nitrophenol	10.04	139	321153	138.242	ng		94
27) 2,4-Dimethylphenol	10.10	122	496969	99.270	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	777835	96.567	ng		98
29) 2,4-Dichlorophenol	10.57	162	580719	101.356	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	708269	99.544	ng		98
31) Naphthalene	10.99	128	1683520	95.477	ng		97
32) Benzoic acid	10.29	122	446566	137.333	ng		96
33) 4-Chloroaniline	11.09	127	818228	97.820	ng		98
34) Hexachlorobutadiene	11.28	225	505694	101.289	ng		96
35) Caprolactam	11.89	113	215061m	99.792	ng		
36) 4-Chloro-3-methylphenol	12.20	107	629993	101.000	ng		98
37) 2-Methylnaphthalene	12.58	142	1285641	96.889	ng		99
38) 1-Methylnaphthalene	12.80	142	1209246	97.508	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	798513	96.247	ng		99
41) Hexachlorocyclopentadiene	12.94	237	501499	104.467	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.18	196	525115	100.422	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	545459	100.669	ng		98
46) 1,1'-Biphenyl	13.59	154	1632166	93.829	ng		96
47) 2-Chloronaphthalene	13.63	162	1363412	94.515	ng		97
48) 2-Nitroaniline	13.82	65	533594	129.879	ng		98
49) Acenaphthylene	14.47	152	2009911	90.381	ng	#	93
50) Dimethylphthalate	14.21	163	1716876	91.818	ng		97
51) 2,6-Dinitrotoluene	14.31	165	402158	125.284	ng		98
52) Acenaphthene	14.81	154	1393146	97.967	ng		99
53) 3-Nitroaniline	14.65	138	431930	115.716	ng		95
54) 2,4-Dinitrophenol	14.84	184	216900	138.044	ng	#	77
55) Dibenzofuran	15.15	168	1929099	89.793	ng		93
56) 4-Nitrophenol	14.94	139	339285	114.234	ng		97
57) 2,4-Dinitrotoluene	15.10	165	541416	133.054	ng	#	98
58) Fluorene	15.79	166	1629510	91.565	ng	#	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	520802	99.024	ng		99
60) Diethylphthalate	15.57	149	1744932	91.715	ng		95
61) 4-Chlorophenyl-phenylether	15.79	204	1007159	95.896	ng		96
62) 4-Nitroaniline	15.81	138	460009	108.147	ng		92
63) Azobenzene	16.08	77	1666191	90.765	ng		94
65) 4,6-Dinitro-2-methylphenol	15.86	198	283988	142.708	ng		94
66) n-Nitrosodiphenylamine	16.00	169	1452498	92.855	ng		94
67) 4-Bromophenyl-phenylether	16.68	248	687598	98.233	ng		98
68) Hexachlorobenzene	16.80	284	725151	97.932	ng		99
70) Pentachlorophenol	17.13	266	421079	101.072	ng		93
71) Phenanthrene	17.53	178	2443808	87.965	ng	#	91
72) Anthracene	17.62	178	2439276	87.766	ng	#	91
73) Carbazole	17.88	167	2310448	86.704	ng	#	91
74) Di-n-butylphthalate	18.45	149	2622013	82.175	ng	#	92
75) Fluoranthene	19.53	202	2966125	80.578	ng		88
78) Pyrene	19.90	202	2947598	87.113	ng	#	86
80) Butylbenzylphthalate	20.79	149	1326484	98.271	ng		97
81) Benzo(a)anthracene	21.76	228	3058976	88.505	ng	#	88
82) 3,3'-Dichlorobenzidine	21.66	252	1274950	94.718	ng		98
83) Chrysene	21.82	228	2896293	88.221	ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.67	149	1758055	93.468	ng	#	94
85) Di-n-octyl phthalate	22.92	149	2969530	93.602	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.83	276	4086677	101.298	ng	#	92
88) Benzo(b)fluoranthene	24.02	252	3427619	95.456	ng		94
89) Benzo(k)fluoranthene	24.09	252	3153365	91.973	ng		94
90) Benzo(a)pyrene	24.91	252	3238438	95.607	ng	#	96
91) Dibenzo(a,h)anthracene	28.91	278	3223461	97.566	ng		97
92) Benzo(g,h,i)perylene	30.00	276	3201642	98.930	ng		96

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

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