Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042525.D
Acq On : 28 Aug 2019 8:44
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/29/2019 7:48:24 PM

Quant Time: Aug 28 15:16:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37623	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	157008	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	116187	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	270034	20.00	ng		0.00
76) Chrysene-d12	21.69	240	279414	20.00	ng		0.00
87) Perylene-d12	24.93	264	333802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	153343	82.55	ng		0.00
7) Phenol-d6	7.16	99	199839	79.64	ng		0.00
23) Nitrobenzene-d5	9.17	82	186888	82.26	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	135084	81.80	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	594220	86.50	ng		0.00
79) Terphenyl-d14	20.03	244	1089505	84.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	33513	43.229	ng		97
3) Pyridine	3.83	79	82126	41.313	ng		100
4) n-Nitrosodimethylamine	3.75	42	28929	40.745	ng		95
6) Aniline	7.32	93	133034	39.749	ng		97
8) 2-Chlorophenol	7.56	128	92410	41.047	ng		97
9) Benzaldehyde	7.13	77	51056	40.642	ng		94
10) Phenol	7.19	94	102920	40.340	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	82151	41.000	ng		96
12) 1,3-Dichlorobenzene	7.89	146	118395	41.339	ng		98
13) 1,4-Dichlorobenzene	8.03	146	117993	40.673	ng		97
14) 1,2-Dichlorobenzene	8.36	146	113013	40.679	ng		98
15) Benzyl Alcohol	8.24	79	73120	40.503	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	107194	39.471	ng		99
17) 2-Methylphenol	8.45	107	75832	40.354	ng		94
18) Hexachloroethane	9.09	117	40310	40.588	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	66334	40.805	ng		97
20) 3+4-Methylphenols	8.78	107	103784	39.912	ng		98
22) Acetophenone	8.83	105	138653	41.289	ng	#	97
24) Nitrobenzene	9.21	77	93335	40.567	ng		99
25) Isophorone	9.73	82	180642	40.286	ng		99
26) 2-Nitrophenol	9.93	139	59279	41.114	ng		99
27) 2,4-Dimethylphenol	9.99	122	78687	39.619	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	114709	40.589	ng		97
29) 2,4-Dichlorophenol	10.47	162	106214	40.875	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	132751	41.621	ng		94
31) Naphthalene	10.87	128	295993	40.605	ng		99
32) Benzoic acid	10.13	122	48040	35.825	ng		97
33) 4-Chloroaniline	10.98	127	136375	40.527	ng		100
34) Hexachlorobutadiene	11.16	225	90601	42.266	ng		98
35) Caprolactam	11.75	113	33270	38.371	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	100927	40.915	ng		98
37) 2-Methylnaphthalene	12.48	142	238533	40.753	ng		97
38) 1-Methylnaphthalene	12.70	142	228098	41.027	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	158798	42.560	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	76245	38.902	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	104003	41.238	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	109445	41.876	ng		97
46) 1,1'-Biphenyl	13.49	154	310569	41.352	ng		99
47) 2-Chloronaphthalene	13.53	162	267438	41.297	ng		99
48) 2-Nitroaniline	13.73	65	63038	40.367	ng		96
49) Acenaphthylene	14.38	152	405345	41.604	ng		99
50) Dimethylphthalate	14.11	163	349379	41.675	ng		100
51) 2,6-Dinitrotoluene	14.23	165	80039	41.190	ng		99
52) Acenaphthene	14.73	154	240508	40.654	ng		99
53) 3-Nitroaniline	14.56	138	77796	40.031	ng		98
54) 2,4-Dinitrophenol	14.78	184	40890	35.034	ng		94
55) Dibenzofuran	15.06	168	412300	42.103	ng		99
56) 4-Nitrophenol	14.89	139	54315	39.333	ng		96
57) 2,4-Dinitrotoluene	15.02	165	113772	40.887	ng		96
58) Fluorene	15.71	166	333807	41.700	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107035m	41.413	ng		
60) Diethylphthalate	15.47	149	336024	41.003	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	199795	41.404	ng		98
62) 4-Nitroaniline	15.73	138	83892	40.335	ng		100
63) Azobenzene	15.99	77	224189	39.923	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	67685	39.979	ng		98
66) n-Nitrosodiphenylamine	15.91	169	304496	41.003	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	141287	41.249	ng		97
68) Hexachlorobenzene	16.72	284	152438	40.940	ng		99
69) Atrazine	16.86	200	95498	36.365	ng		97
70) Pentachlorophenol	17.07	266	73012	37.739	ng		97
71) Phenanthrene	17.45	178	564887	42.115	ng		99
72) Anthracene	17.55	178	563916	42.114	ng		99
73) Carbazole	17.82	167	497059	41.651	ng		99
74) Di-n-butylphthalate	18.37	149	600057	42.536	ng		100
75) Fluoranthene	19.47	202	724348	44.249	ng		97
77) Benzidine	19.64	184	278262	34.735	ng		99
78) Pyrene	19.83	202	726169	42.390	ng		99
80) Butylbenzylphthalate	20.71	149	276442	41.028	ng		98
81) Benzo(a)anthracene	21.67	228	719169	42.311	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	275659	40.325	ng		98
83) Chrysene	21.74	228	688371	41.993	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	385014	41.155	ng		98
85) Di-n-octyl phthalate	22.79	149	661153	41.091	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	891671	40.027	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	758558	41.336	ng		98
89) Benzo(k)fluoranthene	23.97	252	752758	42.675	ng		100
90) Benzo(a)pyrene	24.78	252	736062	42.269	ng		98
91) Dibenzo(a,h)anthracene	28.70	278	722359	40.970	ng		99
92) Benzo(g,h,i)perylene	29.80	276	721314	40.904	ng		97

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

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