Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042329.D
Acq On : 19 Aug 2019 16:40
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 04:22:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	52048	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	217398	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	169145	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	385815	20.00	ng		0.00
76) Chrysene-d12	21.70	240	386545	20.00	ng		0.00
87) Perylene-d12	24.93	264	474725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	224852	87.53	ng		0.00
7) Phenol-d6	7.17	99	300800	86.22	ng		0.00
23) Nitrobenzene-d5	9.18	82	261293	84.53	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	194492	84.43	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	817672	81.80	ng		0.00
79) Terphenyl-d14	20.03	244	1456104	82.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	47038	42.460	ng		98
3) Pyridine	3.83	79	119461	42.098	ng		97
4) n-Nitrosodimethylamine	3.75	42	41630	42.611	ng		97
6) Aniline	7.32	93	186580	40.522	ng		98
8) 2-Chlorophenol	7.57	128	132904	42.557	ng		98
9) Benzaldehyde	7.13	77	81986	41.777	ng		94
10) Phenol	7.19	94	154064	43.435	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	117567	41.964	ng		95
12) 1,3-Dichlorobenzene	7.89	146	162664	40.926	ng		99
13) 1,4-Dichlorobenzene	8.04	146	162870	40.684	ng		98
14) 1,2-Dichlorobenzene	8.36	146	156513	40.967	ng		99
15) Benzyl Alcohol	8.25	79	100487	41.879	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	153438	39.716	ng		99
17) 2-Methylphenol	8.45	107	109034	41.573	ng		99
18) Hexachloroethane	9.10	117	55708	40.490	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	92981	41.435	ng		98
20) 3+4-Methylphenols	8.78	107	153507	42.307	ng		98
22) Acetophenone	8.83	105	192510	41.676	ng	#	98
24) Nitrobenzene	9.22	77	132860	42.184	ng		99
25) Isophorone	9.74	82	264085	42.726	ng		100
26) 2-Nitrophenol	9.93	139	85220	43.526	ng		98
27) 2,4-Dimethylphenol	9.99	122	114337	42.094	ng		100
28) bis(2-Chloroethoxy)methane	10.23	93	164684	41.364	ng		100
29) 2,4-Dichlorophenol	10.47	162	155135	42.955	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	179733	40.713	ng		98
31) Naphthalene	10.88	128	425770	42.262	ng		99
32) Benzoic acid	10.14	122	86857	44.641	ng		99
33) 4-Chloroaniline	10.99	127	193070	42.026	ng		98
34) Hexachlorobutadiene	11.17	225	118417	40.027	ng		99
35) Caprolactam	11.75	113	51925	45.110	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	149679	44.339	ng		99
37) 2-Methylnaphthalene	12.49	142	349440	43.269	ng		99
38) 1-Methylnaphthalene	12.71	142	333355	43.334	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	216358	39.684	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	103341	36.594	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	145279	39.813	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	156959	41.762	ng		99
46) 1,1'-Biphenyl	13.49	154	445360	40.358	ng		100
47) 2-Chloronaphthalene	13.54	162	379356	40.324	ng		99
48) 2-Nitroaniline	13.73	65	93255	41.942	ng		95
49) Acenaphthylene	14.39	152	599393	42.381	ng		99
50) Dimethylphthalate	14.12	163	502018	41.769	ng		99
51) 2,6-Dinitrotoluene	14.23	165	118212	42.024	ng		97
52) Acenaphthene	14.73	154	347847	40.318	ng		98
53) 3-Nitroaniline	14.56	138	114743	41.485	ng		99
54) 2,4-Dinitrophenol	14.77	184	57935	35.783	ng		98
55) Dibenzofuran	15.06	168	593547	42.236	ng		98
56) 4-Nitrophenol	14.88	139	89516	44.861	ng		99
57) 2,4-Dinitrotoluene	15.03	165	169047	42.983	ng		96
58) Fluorene	15.71	166	485407	42.460	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	151125	41.402	ng		97
60) Diethylphthalate	15.48	149	486492	41.838	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	284487	41.440	ng		99
62) 4-Nitroaniline	15.73	138	126434	43.257	ng		98
63) Azobenzene	16.00	77	339224	41.862	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91903	39.040	ng		97
66) n-Nitrosodiphenylamine	15.92	169	442000	40.942	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	199744	40.682	ng		97
68) Hexachlorobenzene	16.73	284	216925	41.246	ng		98
69) Atrazine	16.87	200	158192	42.749	ng		98
70) Pentachlorophenol	17.07	266	117403	41.935	ng		97
71) Phenanthrene	17.46	178	809096	42.107	ng		99
72) Anthracene	17.55	178	807177	42.119	ng		100
73) Carbazole	17.82	167	728668	42.804	ng		100
74) Di-n-butylphthalate	18.38	149	844882	42.547	ng		99
75) Fluoranthene	19.47	202	999899	43.153	ng		99
77) Benzidine	19.65	184	387947	37.853	ng		99
78) Pyrene	19.83	202	1002824	42.162	ng		99
80) Butylbenzylphthalate	20.71	149	391134	41.492	ng		98
81) Benzo(a)anthracene	21.67	228	997605	42.025	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	378637	40.074	ng		99
83) Chrysene	21.74	228	969138	42.678	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	541785	41.220	ng		99
85) Di-n-octyl phthalate	22.80	149	922298	41.138	ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1276631	42.105	ng	#	93
88) Benzo(b)fluoranthene	23.91	252	1070880	41.040	ng		100
89) Benzo(k)fluoranthene	23.98	252	1039936	40.772	ng		99
90) Benzo(a)pyrene	24.79	252	1039486	41.575	ng		98
91) Dibenzo(a,h)anthracene	28.71	278	1028331	41.227	ng		99
92) Benzo(g,h,i)perylene	29.80	276	1039522	41.821	ng		98

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

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