Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042841.D
Acq On : 16 Sep 2019 8:57
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 16 09:33:02 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 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	70951	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	311602	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	233312	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	601269	20.00	ng		0.00
76) Chrysene-d12	21.76	240	585010	20.00	ng		0.00
87) Perylene-d12	25.03	264	646149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	315510	77.31	ng		0.00
7) Phenol-d6	7.26	99	488513	83.40	ng		0.00
23) Nitrobenzene-d5	9.27	82	482860	80.68	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	264813	85.31	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1132851	76.86	ng		0.00
79) Terphenyl-d14	20.09	244	2181916	82.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	69983	37.575	ng		93
3) Pyridine	3.99	79	223246	39.810	ng		99
4) n-Nitrosodimethylamine	3.89	42	96643	35.417	ng		93
6) Aniline	7.44	93	328344	41.546	ng		96
8) 2-Chlorophenol	7.68	128	182179	41.297	ng		97
9) Benzaldehyde	7.25	77	146692	38.483	ng		90
10) Phenol	7.29	94	247208	41.152	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	185231	40.177	ng		97
12) 1,3-Dichlorobenzene	8.01	146	211219	39.256	ng		98
13) 1,4-Dichlorobenzene	8.16	146	212850	39.513	ng		99
14) 1,2-Dichlorobenzene	8.48	146	202753	39.540	ng		98
15) Benzyl Alcohol	8.35	79	211512	42.075	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	378692	37.404	ng		97
17) 2-Methylphenol	8.55	107	169808	42.252	ng		95
18) Hexachloroethane	9.21	117	76522	38.477	ng		90
19) n-Nitroso-di-n-propylamine	8.92	70	186874	43.295	ng		94
20) 3+4-Methylphenols	8.87	107	236479	42.686	ng		97
22) Acetophenone	8.94	105	311094	39.531	ng	#	96
24) Nitrobenzene	9.32	77	246236	39.195	ng		99
25) Isophorone	9.84	82	504399	40.431	ng		99
26) 2-Nitrophenol	10.03	139	103159	41.759	ng		93
27) 2,4-Dimethylphenol	10.08	122	177158	40.541	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	278487	40.028	ng		96
29) 2,4-Dichlorophenol	10.57	162	200079	39.400	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	236323	38.117	ng		94
31) Naphthalene	10.98	128	620282	40.318	ng		99
32) Benzoic acid	10.20	122	140319	40.732	ng		97
33) 4-Chloroaniline	11.07	127	301012	41.860	ng		99
34) Hexachlorobutadiene	11.27	225	160993	37.062	ng		94
35) Caprolactam	11.84	113	92175	48.812	ng	#	82
36) 4-Chloro-3-methylphenol	12.18	107	236282	42.854	ng		95
37) 2-Methylnaphthalene	12.58	142	475229	41.236	ng		95
38) 1-Methylnaphthalene	12.79	142	446285	41.288	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	289769	37.585	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	165491	37.470	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	203594	39.666	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	212492	40.418	ng		98
46) 1,1'-Biphenyl	13.57	154	640518	39.216	ng		99
47) 2-Chloronaphthalene	13.62	162	522101	38.642	ng		96
48) 2-Nitroaniline	13.80	65	200806	42.843	ng		94
49) Acenaphthylene	14.46	152	838755	40.622	ng		98
50) Dimethylphthalate	14.19	163	734155	42.005	ng		99
51) 2,6-Dinitrotoluene	14.30	165	152382	42.490	ng		94
52) Acenaphthene	14.80	154	548598	40.670	ng		99
53) 3-Nitroaniline	14.63	138	176177	43.771	ng		98
54) 2,4-Dinitrophenol	14.83	184	80407	45.544	ng	#	73
55) Dibenzofuran	15.13	168	819521	40.874	ng		98
56) 4-Nitrophenol	14.92	139	142682	45.848	ng		92
57) 2,4-Dinitrotoluene	15.09	165	225826	47.241	ng		96
58) Fluorene	15.78	166	692088	41.650	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	213750	41.941	ng		98
60) Diethylphthalate	15.55	149	752613	42.421	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	398316	40.542	ng		97
62) 4-Nitroaniline	15.79	138	204606	47.160	ng		92
63) Azobenzene	16.07	77	704119	41.214	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	112868	43.871	ng		99
66) n-Nitrosodiphenylamine	15.98	169	638325	39.452	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	278004	38.200	ng		98
68) Hexachlorobenzene	16.79	284	302269	38.870	ng		99
69) Atrazine	16.93	200	199642	35.433	ng		97
70) Pentachlorophenol	17.13	266	184880	40.077	ng		95
71) Phenanthrene	17.52	178	1164361	40.493	ng		99
72) Anthracene	17.61	178	1169067	40.695	ng		99
73) Carbazole	17.88	167	1130506	41.404	ng		99
74) Di-n-butylphthalate	18.44	149	1333940	40.783	ng		100
75) Fluoranthene	19.53	202	1525702	40.940	ng		98
77) Benzidine	19.70	184	648644	39.686	ng		99
78) Pyrene	19.89	202	1522062	41.557	ng		99
80) Butylbenzylphthalate	20.77	149	610118	41.161	ng		100
81) Benzo(a)anthracene	21.74	228	1503414	40.419	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	565155	39.098	ng		98
83) Chrysene	21.81	228	1429867	40.583	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	821978	40.585	ng		99
85) Di-n-octyl phthalate	22.89	149	1384504	40.099	ng		99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1710239	39.197	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1511245	39.832	ng		98
89) Benzo(k)fluoranthene	24.06	252	1464129	40.853	ng		98
90) Benzo(a)pyrene	24.88	252	1425858	40.136	ng		97
91) Dibenzo(a,h)anthracene	28.85	278	1406737	40.260	ng		99
92) Benzo(g,h,i)perylene	29.94	276	1362361	39.973	ng		97

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

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