Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038505.D
Acq On : 12 Dec 2018 18:47
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/13/2018 3:06:55 PM

Quant Time: Dec 13 06:27:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22815	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	97491	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	65433	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	162850	20.00	ng		0.00
76) Chrysene-d12	21.73	240	164446	20.00	ng		0.00
87) Perylene-d12	25.02	264	181413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	107586	83.64	ng		0.00
7) Phenol-d6	7.21	99	151297	85.68	ng		0.00
23) Nitrobenzene-d5	9.24	82	157223	82.39	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	76033	84.31	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	375067	78.64	ng		0.00
79) Terphenyl-d14	20.04	244	611503	80.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	23588	39.401	ng		93
3) Pyridine	3.90	79	67013	40.656	ng		95
4) n-Nitrosodimethylamine	3.82	42	33022	40.888	ng	#	98
6) Aniline	7.39	93	96538	42.825	ng		99
8) 2-Chlorophenol	7.62	128	60829	40.864	ng		98
9) Benzaldehyde	7.20	77	45670	39.867	ng		98
10) Phenol	7.24	94	79055	42.139	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	62624	41.927	ng		97
12) 1,3-Dichlorobenzene	7.95	146	73551	41.789	ng		97
13) 1,4-Dichlorobenzene	8.10	146	73248	40.635	ng		96
14) 1,2-Dichlorobenzene	8.41	146	70178	41.296	ng		98
15) Benzyl Alcohol	8.30	79	59898	43.457	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	141741	41.426	ng		99
17) 2-Methylphenol	8.49	107	54418	43.294	ng		98
18) Hexachloroethane	9.14	117	26522	40.265	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	53927	43.481	ng		99
20) 3+4-Methylphenols	8.83	107	75139	43.285	ng		97
22) Acetophenone	8.89	105	99369	40.807	ng		97
24) Nitrobenzene	9.28	77	81495	42.214	ng		96
25) Isophorone	9.79	82	132907	38.763	ng		98
26) 2-Nitrophenol	9.99	139	39374	39.849	ng		95
27) 2,4-Dimethylphenol	10.03	122	58163	41.073	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	79598	41.137	ng		99
29) 2,4-Dichlorophenol	10.52	162	67587	42.902	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	78667	41.341	ng		97
31) Naphthalene	10.93	128	196322	40.871	ng		98
32) Benzoic acid	10.18	122	29548m	36.059	ng		
33) 4-Chloroaniline	11.04	127	89299	42.820	ng		97
34) Hexachlorobutadiene	11.19	225	52647	40.888	ng		94
35) Caprolactam	11.82	113	26122	40.067	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	73356	40.804	ng		93
37) 2-Methylnaphthalene	12.53	142	143172	41.779	ng		98
38) 1-Methylnaphthalene	12.75	142	139056	41.817	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	97440	39.839	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	49879	37.119	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	61492	40.889	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	65812	41.333	ng		99
46) 1,1'-Biphenyl	13.53	154	217725	39.692	ng		99
47) 2-Chloronaphthalene	13.58	162	167455	39.520	ng		97
48) 2-Nitroaniline	13.79	65	57504	42.607	ng		94
49) Acenaphthylene	14.42	152	253292	39.987	ng		99
50) Dimethylphthalate	14.15	163	219290	41.039	ng		100
51) 2,6-Dinitrotoluene	14.28	165	50445	41.658	ng		91
52) Acenaphthene	14.76	154	151277	39.938	ng		94
53) 3-Nitroaniline	14.62	138	52379	42.433	ng		97
54) 2,4-Dinitrophenol	14.82	184	25522	38.310	ng		94
55) Dibenzofuran	15.09	168	262270	40.394	ng		99
56) 4-Nitrophenol	14.91	139	38813	41.447	ng		93
57) 2,4-Dinitrotoluene	15.06	165	71222	41.759	ng		97
58) Fluorene	15.74	166	193779	40.283	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	59551	41.570	ng		98
60) Diethylphthalate	15.50	149	234527	39.981	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	121695	40.547	ng		99
62) 4-Nitroaniline	15.78	138	55195	43.432	ng		98
63) Azobenzene	16.02	77	200189	40.852	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	46774	40.264	ng		94
66) n-Nitrosodiphenylamine	15.95	169	192170	40.162	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	80410	40.430	ng		94
68) Hexachlorobenzene	16.74	284	83292	40.400	ng		97
69) Atrazine	16.89	200	74651	42.040	ng		98
70) Pentachlorophenol	17.09	266	51960	42.609	ng		96
71) Phenanthrene	17.49	178	341858	40.481	ng		98
72) Anthracene	17.58	178	338302	40.579	ng		100
73) Carbazole	17.85	167	336130	40.768	ng		99
74) Di-n-butylphthalate	18.38	149	392134	41.449	ng		99
75) Fluoranthene	19.49	202	419784	40.176	ng		98
77) Benzidine	19.68	184	229257	47.140	ng		99
78) Pyrene	19.86	202	427297	39.332	ng		100
80) Butylbenzylphthalate	20.73	149	174779	41.179	ng		99
81) Benzo(a)anthracene	21.70	228	411666	41.082	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	165240	41.578	ng		99
83) Chrysene	21.77	228	388362	40.238	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	247155	41.058	ng		97
85) Di-n-octyl phthalate	22.80	149	415811	41.245	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	469041	41.336	ng	#	83
88) Benzo(b)fluoranthene	23.97	252	404976	40.659	ng		99
89) Benzo(k)fluoranthene	24.03	252	405728	40.907	ng		98
90) Benzo(a)pyrene	24.87	252	393272	40.927	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	392025	40.974	ng		99
92) Benzo(g,h,i)perylene	29.99	276	388095	41.160	ng		98

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

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