Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040167.D
Acq On : 27 Mar 2019 4:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 27 13:47:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 13:43:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	52965	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	240085	20.00	ng	0.00
39) Acenaphthene-d10	14.77	164	160324	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	376551	20.00	ng	0.00
76) Chrysene-d12	21.80	240	368748	20.00	ng	0.00
87) Perylene-d12	25.15	264	376370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	247031	79.57	ng	0.00
7) Phenol-d6	7.29	99	378288	81.72	ng	0.00
23) Nitrobenzene-d5	9.32	82	371969	83.79	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	160291	85.78	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	871965	77.44	ng	0.00
79) Terphenyl-d14	20.11	244	1297976	77.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	50359	35.135	ng	100
3) Pyridine	3.99	79	146289	38.124	ng	100
4) n-Nitrosodimethylamine	3.90	42	76077	41.792	ng	100
6) Aniline	7.47	93	236563	39.006	ng	100
8) 2-Chlorophenol	7.70	128	149617	39.723	ng	100
9) Benzaldehyde	7.28	77	117867	39.472	ng	100
10) Phenol	7.32	94	201650	40.210	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	155160	39.683	ng	100
12) 1,3-Dichlorobenzene	8.03	146	169698	39.837	ng	100
13) 1,4-Dichlorobenzene	8.18	146	169979	39.175	ng	100
14) 1,2-Dichlorobenzene	8.50	146	162641	38.796	ng	100
15) Benzyl Alcohol	8.38	79	153925	41.918	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	296790	37.953	ng	100
17) 2-Methylphenol	8.57	107	131195	41.028	ng	100
18) Hexachloroethane	9.22	117	61984	39.813	ng	100
19) n-Nitroso-di-n-propylamine	8.94	70	127815	38.360	ng	100
20) 3+4-Methylphenols	8.91	107	181272	40.806	ng	100
22) Acetophenone	8.97	105	249679	38.747	ng	100
24) Nitrobenzene	9.36	77	191723	41.169	ng	100
25) Isophorone	9.88	82	363024	39.029	ng	100
26) 2-Nitrophenol	10.07	139	99069	44.061	ng	100
27) 2,4-Dimethylphenol	10.11	122	142101	40.636	ng	100
28) bis(2-Chloroethoxy)methane	10.35	93	215935	38.202	ng	100
29) 2,4-Dichlorophenol	10.60	162	168595	42.821	ng	100
30) 1,2,4-Trichlorobenzene	10.81	180	178977	40.398	ng	100
31) Naphthalene	11.01	128	499992	39.334	ng	100
32) Benzoic acid	10.27	122	86302	37.601	ng	100
33) 4-Chloroaniline	11.12	127	219792	40.776	ng	100
34) Hexachlorobutadiene	11.27	225	126401	41.751	ng	100
35) Caprolactam	11.93	113	57384	38.154	ng	100
36) 4-Chloro-3-methylphenol	12.23	107	184986	40.987	ng	100
37) 2-Methylnaphthalene	12.60	142	369665	38.898	ng	100
38) 1-Methylnaphthalene	12.82	142	362277	39.226	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	223796	41.204	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	127871	43.931 ng	100
43) 2,4,6-Trichlorophenol	13.20	196	138980	43.707 ng	100
44) 2,4,5-Trichlorophenol	13.28	196	149266	41.645 ng	100
46) 1,1'-Biphenyl	13.60	154	522560	39.629 ng	100
47) 2-Chloronaphthalene	13.65	162	394240	39.742 ng	100
48) 2-Nitroaniline	13.86	65	132768	41.646 ng	100
49) Acenaphthylene	14.50	152	636615	39.093 ng	100
50) Dimethylphthalate	14.22	163	512086	38.198 ng	100
51) 2,6-Dinitrotoluene	14.35	165	115530	40.650 ng	100
52) Acenaphthene	14.83	154	384486	39.228 ng	100
53) 3-Nitroaniline	14.68	138	117102	40.990 ng	100
54) 2,4-Dinitrophenol	14.88	184	60413	36.749 ng	100
55) Dibenzofuran	15.17	168	621657	38.658 ng	100
56) 4-Nitrophenol	14.98	139	102923	40.273 ng	100
57) 2,4-Dinitrotoluene	15.13	165	164827	41.275 ng	100
58) Fluorene	15.81	166	486241	38.463 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	142693	40.764 ng	100
60) Diethylphthalate	15.57	149	512231	38.597 ng	100
61) 4-Chlorophenyl-phenylether	15.79	204	263441	39.051 ng	100
62) 4-Nitroaniline	15.85	138	122765	39.638 ng	100
63) Azobenzene	16.09	77	460174	38.252 ng	100
65) 4,6-Dinitro-2-methylphenol	15.89	198	91123	40.928 ng	100
66) n-Nitrosodiphenylamine	16.02	169	446841	40.990 ng	100
67) 4-Bromophenyl-phenylether	16.69	248	175940	41.743 ng	100
68) Hexachlorobenzene	16.80	284	183125	41.915 ng	100
69) Atrazine	16.95	200	143127	33.360 ng	100
70) Pentachlorophenol	17.15	266	109104	39.541 ng	100
71) Phenanthrene	17.56	178	796301	38.393 ng	100
72) Anthracene	17.64	178	793721	39.270 ng	100
73) Carbazole	17.92	167	709474	38.937 ng	100
74) Di-n-butylphthalate	18.44	149	850139	39.655 ng	100
75) Fluoranthene	19.55	202	934949	38.142 ng	100
77) Benzidine	19.74	184	363683	31.080 ng	100
78) Pyrene	19.92	202	933431	38.956 ng	100
80) Butylbenzylphthalate	20.78	149	388756	41.877 ng	100
81) Benzo(a)anthracene	21.78	228	910126	39.382 ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	334000	39.585 ng	100
83) Chrysene	21.85	228	877162	39.150 ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	540761	41.453 ng	100
85) Di-n-octyl phthalate	22.88	149	911977	42.221 ng	100
86) Indeno(1,2,3-cd)pyrene	29.02	276	1013376	39.869 ng	100
88) Benzo(b)fluoranthene	24.08	252	883964	39.386 ng	100
89) Benzo(k)fluoranthene	24.15	252	827193	39.594 ng	100
90) Benzo(a)pyrene	25.00	252	855135	41.233 ng	100
91) Dibenzo(a,h)anthracene	29.08	278	800665	39.380 ng	100
92) Benzo(g,h,i)perylene	30.24	276	820756	40.194 ng	100

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

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