Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040557.D
Acq On : 19 Apr 2019 11:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 20 01:44:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48987	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	229471	20.00	ng		-0.02
39) Acenaphthene-d10	14.66	164	160976	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	440052	20.00	ng		0.00
76) Chrysene-d12	21.68	240	404884	20.00	ng		-0.02
87) Perylene-d12	24.95	264	434592	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	235644	79.97	ng		-0.02
7) Phenol-d6	7.19	99	343225	84.28	ng		0.00
23) Nitrobenzene-d5	9.21	82	335493	77.71	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	161556	92.86	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	779188	71.72	ng		0.00
79) Terphenyl-d14	20.01	244	1365253	75.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	54250	39.153	ng		98
3) Pyridine	3.88	79	152915	40.989	ng		95
4) n-Nitrosodimethylamine	3.80	42	72115	41.789	ng	#	96
6) Aniline	7.36	93	219658	41.516	ng		99
8) 2-Chlorophenol	7.59	128	140519	40.737	ng		98
9) Benzaldehyde	7.18	77	116221	41.604	ng		98
10) Phenol	7.21	94	185098	41.874	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	137549	38.851	ng		97
12) 1,3-Dichlorobenzene	7.92	146	147004	39.204	ng		95
13) 1,4-Dichlorobenzene	8.06	146	147871	39.594	ng		99
14) 1,2-Dichlorobenzene	8.38	146	142748	39.969	ng		96
15) Benzyl Alcohol	8.28	79	134348	40.963	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	273388	40.235	ng		99
17) 2-Methylphenol	8.47	107	124003	40.541	ng		98
18) Hexachloroethane	9.11	117	54767	38.552	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	122270	41.875	ng		98
20) 3+4-Methylphenols	8.80	107	173633	41.903	ng		96
22) Acetophenone	8.86	105	221644	38.721	ng		97
24) Nitrobenzene	9.25	77	175888	39.344	ng		96
25) Isophorone	9.76	82	355823	40.057	ng		99
26) 2-Nitrophenol	9.96	139	85498	40.361	ng		96
27) 2,4-Dimethylphenol	10.00	122	131521	39.087	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	197680	37.615	ng		99
29) 2,4-Dichlorophenol	10.49	162	144865	39.664	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	146731	36.588	ng		98
31) Naphthalene	10.90	128	455469	38.724	ng		99
32) Benzoic acid	10.15	122	29245m	14.385	ng		
33) 4-Chloroaniline	11.01	127	211832	42.222	ng		100
34) Hexachlorobutadiene	11.15	225	89762	34.998	ng		98
35) Caprolactam	11.81	113	72311	49.891	ng		88
36) 4-Chloro-3-methylphenol	12.12	107	187525	44.662	ng		100
37) 2-Methylnaphthalene	12.49	142	351497	40.406	ng		97
38) 1-Methylnaphthalene	12.71	142	339689	40.269	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	178777	34.942	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	101394	36.093	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	123255	37.365	ng	94
44) 2,4,5-Trichlorophenol	13.18	196	139481	38.793	ng	97
46) 1,1'-Biphenyl	13.50	154	469725	36.930	ng	97
47) 2-Chloronaphthalene	13.55	162	360207	36.920	ng	99
48) 2-Nitroaniline	13.76	65	141941	43.131	ng	94
49) Acenaphthylene	14.39	152	651511	39.386	ng	100
50) Dimethylphthalate	14.12	163	526635	41.801	ng	99
51) 2,6-Dinitrotoluene	14.25	165	119337	42.186	ng	96
52) Acenaphthene	14.73	154	368123	38.837	ng	97
53) 3-Nitroaniline	14.59	138	134133	44.794	ng	88
54) 2,4-Dinitrophenol	14.79	184	64434	42.829	ng	99
55) Dibenzofuran	15.06	168	610011	40.051	ng	97
56) 4-Nitrophenol	14.89	139	111815	46.267	ng	99
57) 2,4-Dinitrotoluene	15.04	165	177945	45.270	ng	98
58) Fluorene	15.71	166	496074	41.426	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	137551	42.158	ng	97
60) Diethylphthalate	15.47	149	570686	44.266	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	256203	40.026	ng	93
62) 4-Nitroaniline	15.75	138	148906	46.337	ng	91
63) Azobenzene	15.99	77	523505	43.049	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	93866	37.967	ng	97
66) n-Nitrosodiphenylamine	15.92	169	468468	36.380	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	178695	36.085	ng	95
68) Hexachlorobenzene	16.71	284	182677	36.689	ng	96
69) Atrazine	16.86	200	166919	34.846	ng	98
70) Pentachlorophenol	17.05	266	115325	40.062	ng	94
71) Phenanthrene	17.45	178	883993	38.219	ng	98
72) Anthracene	17.55	178	879368	37.984	ng	100
73) Carbazole	17.82	167	861050	39.299	ng	99
74) Di-n-butylphthalate	18.35	149	1001607	38.566	ng	99
75) Fluoranthene	19.46	202	1067121	38.962	ng	100
77) Benzidine	19.64	184	586793	40.134	ng	98
78) Pyrene	19.82	202	1065098	40.003	ng	99
80) Butylbenzylphthalate	20.69	149	469385	41.198	ng	99
81) Benzo(a)anthracene	21.66	228	995785	39.929	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	389508	41.058	ng	98
83) Chrysene	21.73	228	967732	40.377	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	653440	40.121	ng	99
85) Di-n-octyl phthalate	22.75	149	1123881	40.502	ng	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	1169427	39.893	ng	99
88) Benzo(b)fluoranthene	23.91	252	1020720	38.362	ng	99
89) Benzo(k)fluoranthene	23.97	252	941685	38.486	ng	98
90) Benzo(a)pyrene	24.80	252	968480	38.794	ng	99
91) Dibenzo(a,h)anthracene	28.76	278	931283	40.166	ng	99
92) Benzo(g,h,i)perylene	29.89	276	955823	40.113	ng	99

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

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