Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114187.D
Acq On : 12 May 2019 12:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 13 07:42:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	320894	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1248260	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	583550	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1140002	20.00	ng	0.00
76) Chrysene-d12	14.02	240	806967	20.00	ng	0.00
87) Perylene-d12	15.47	264	781657	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1475343	73.99	ng	0.00
7) Phenol-d6	6.49	99	1882119	79.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	1800287	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	472130	78.26	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2881921	74.70	ng	0.00
79) Terphenyl-d14	12.96	244	2987851	76.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	385177	35.143	ng	97
3) Pyridine	3.38	79	1068181	35.372	ng	95
4) n-Nitrosodimethylamine	3.33	42	508259	34.902	ng	92
6) Aniline	6.52	93	1359193	39.897	ng	97
8) 2-Chlorophenol	6.65	128	857743	40.293	ng	92
9) Benzaldehyde	6.40	77	640498	38.793	ng	100
10) Phenol	6.51	94	1089099	39.256	ng	84
11) bis(2-Chloroethyl)ether	6.59	93	881739	41.863	ng	99
12) 1,3-Dichlorobenzene	6.80	146	955380	39.982	ng	99
13) 1,4-Dichlorobenzene	6.87	146	955167	39.668	ng	98
14) 1,2-Dichlorobenzene	7.03	146	875339	39.791	ng	99
15) Benzyl Alcohol	7.00	79	741978	40.338	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1663268	40.727	ng	98
17) 2-Methylphenol	7.11	107	708761	40.531	ng	99
18) Hexachloroethane	7.36	117	368250	40.743	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	581767	38.917	ng	99
20) 3+4-Methylphenols	7.26	107	794773	39.338	ng	96
22) Acetophenone	7.26	105	1090531	39.436	ng	98
24) Nitrobenzene	7.43	77	923937	40.784	ng	99
25) Isophorone	7.67	82	1640311	39.764	ng	100
26) 2-Nitrophenol	7.75	139	467303	42.517	ng	98
27) 2,4-Dimethylphenol	7.79	122	701465	40.635	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1105117	41.289	ng	99
29) 2,4-Dichlorophenol	8.00	162	692149	40.267	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	789656	40.399	ng	98
31) Naphthalene	8.16	128	2339179	40.117	ng	100
32) Benzoic acid	7.92	122	466345	39.367	ng	98
33) 4-Chloroaniline	8.20	127	1083000	40.759	ng	99
34) Hexachlorobutadiene	8.27	225	451821	40.626	ng	99
35) Caprolactam	8.58	113	243200	43.390	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	725435	41.927	ng	98
37) 2-Methylnaphthalene	8.85	142	1563008	41.547	ng	97
38) 1-Methylnaphthalene	8.95	142	1490747	42.079	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	715646	40.485	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	272025	35.570	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	498009	40.959	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	518022	41.544	ng		95
46) 1,1'-Biphenyl	9.31	154	1877570	39.827	ng		99
47) 2-Chloronaphthalene	9.33	162	1504820	39.663	ng		100
48) 2-Nitroaniline	9.43	65	551717	41.003	ng		96
49) Acenaphthylene	9.75	152	2292017	39.720	ng		100
50) Dimethylphthalate	9.61	163	1753975	40.944	ng		99
51) 2,6-Dinitrotoluene	9.67	165	393914	41.458	ng		99
52) Acenaphthene	9.92	154	1376347	38.869	ng		99
53) 3-Nitroaniline	9.84	138	483838	41.022	ng		98
54) 2,4-Dinitrophenol	9.95	184	175423	40.367	ng		96
55) Dibenzofuran	10.09	168	2026429	39.027	ng		98
56) 4-Nitrophenol	10.00	139	312607	37.478	ng		96
57) 2,4-Dinitrotoluene	10.08	165	521064	40.404	ng		96
58) Fluorene	10.44	166	1547170	38.577	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	423631	39.374	ng		100
60) Diethylphthalate	10.30	149	1725869	39.651	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	780368	39.616	ng		98
62) 4-Nitroaniline	10.46	138	492213	39.714	ng		95
63) Azobenzene	10.59	77	1676827	39.800	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	238984	43.627	ng		100
66) n-Nitrosodiphenylamine	10.55	169	1406553	40.653	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	515643	41.081	ng		98
68) Hexachlorobenzene	10.99	284	556453	40.074	ng		92
69) Atrazine	11.07	200	460829	42.800	ng		99
70) Pentachlorophenol	11.18	266	272428	41.387	ng		98
71) Phenanthrene	11.40	178	2250768	40.582	ng		100
72) Anthracene	11.45	178	2280665	40.940	ng		99
73) Carbazole	11.60	167	2160729	40.675	ng		100
74) Di-n-butylphthalate	11.93	149	2702858	44.164	ng		98
75) Fluoranthene	12.59	202	2426695	40.630	ng		98
77) Benzidine	12.70	184	1351530	37.311	ng		99
78) Pyrene	12.82	202	2464786	37.969	ng		98
80) Butylbenzylphthalate	13.43	149	1217562	44.560	ng		99
81) Benzo(a)anthracene	14.00	228	2143305	41.064	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	863432	42.644	ng		99
83) Chrysene	14.04	228	2042347	39.917	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1669220	46.710	ng	#	99
85) Di-n-octyl phthalate	14.60	149	2754152	47.542	ng		100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1864426	41.231	ng		99
88) Benzo(b)fluoranthene	15.05	252	1982107	39.581	ng		99
89) Benzo(k)fluoranthene	15.08	252	1937490	42.118	ng		100
90) Benzo(a)pyrene	15.42	252	1812956	41.136	ng		100
91) Dibenzo(a,h)anthracene	16.96	278	1524427	41.626	ng		99
92) Benzo(g,h,i)perylene	17.39	276	1495509	40.749	ng		99

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

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