Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114162.D
Acq On : 11 May 2019 19:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 13 06:52:57 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	346925	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1500579	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	707525	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1368506	20.00	ng	0.00
76) Chrysene-d12	14.01	240	925989	20.00	ng	-0.01
87) Perylene-d12	15.47	264	1001121	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1593906	73.94	ng	0.00
7) Phenol-d6	6.49	99	1985769	77.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	2139205	80.00	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	561930	76.82	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3437735	73.50	ng	0.00
79) Terphenyl-d14	12.95	244	3370590	75.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	398056	33.593	ng	99
3) Pyridine	3.38	79	1137876	34.853	ng	98
4) n-Nitrosodimethylamine	3.33	42	550907	34.992	ng	97
6) Aniline	6.52	93	1460365	39.650	ng	99
8) 2-Chlorophenol	6.64	128	909696	39.527	ng	98
9) Benzaldehyde	6.40	77	685692	38.414	ng	99
10) Phenol	6.50	94	1160422	38.688	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	931138	40.891	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1020996	39.522	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1043246	40.075	ng	99
14) 1,2-Dichlorobenzene	7.03	146	966008	40.617	ng	99
15) Benzyl Alcohol	6.99	79	830790	41.777	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1860405	42.136	ng	99
17) 2-Methylphenol	7.11	107	784279	41.485	ng	99
18) Hexachloroethane	7.36	117	430495	44.056	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	713076	44.122	ng	98
20) 3+4-Methylphenols	7.26	107	940439	43.055	ng	95
22) Acetophenone	7.26	105	1298217	39.053	ng	99
24) Nitrobenzene	7.43	77	1101677	40.453	ng	98
25) Isophorone	7.67	82	2032958	40.996	ng	99
26) 2-Nitrophenol	7.75	139	551183	41.716	ng	98
27) 2,4-Dimethylphenol	7.79	122	822726	39.646	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1329826	41.330	ng	100
29) 2,4-Dichlorophenol	7.99	162	832553	40.291	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	943607	40.158	ng	98
31) Naphthalene	8.16	128	2790202	39.806	ng	99
32) Benzoic acid	7.93	122	578542	40.401	ng	99
33) 4-Chloroaniline	8.20	127	1297918	40.634	ng	100
34) Hexachlorobutadiene	8.27	225	539228	40.332	ng	98
35) Caprolactam	8.58	113	299937	44.515	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	870796	41.866	ng	100
37) 2-Methylnaphthalene	8.85	142	1864236	41.222	ng	98
38) 1-Methylnaphthalene	8.95	142	1766250	41.472	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	857662	40.017	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	350793	37.557	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	603842	40.961	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	616706	40.792	ng		98
46) 1,1'-Biphenyl	9.31	154	2219856	38.837	ng		98
47) 2-Chloronaphthalene	9.33	162	1817424	39.509	ng		100
48) 2-Nitroaniline	9.43	65	669844	41.059	ng		98
49) Acenaphthylene	9.75	152	2746545	39.257	ng		99
50) Dimethylphthalate	9.61	163	2101189	40.455	ng		98
51) 2,6-Dinitrotoluene	9.67	165	479772	41.647	ng		96
52) Acenaphthene	9.92	154	1661309	38.695	ng		99
53) 3-Nitroaniline	9.84	138	583618	40.812	ng		98
54) 2,4-Dinitrophenol	9.95	184	224343	42.209	ng		98
55) Dibenzofuran	10.09	168	2412733	38.325	ng		99
56) 4-Nitrophenol	10.00	139	399799	39.533	ng		90
57) 2,4-Dinitrotoluene	10.07	165	621924	39.775	ng		96
58) Fluorene	10.43	166	1848696	38.018	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	508399	38.973	ng		100
60) Diethylphthalate	10.30	149	2062507	39.082	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	921490	38.583	ng		97
62) 4-Nitroaniline	10.46	138	587698	39.110	ng		95
63) Azobenzene	10.59	77	1993628	39.028	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	298368	45.373	ng		90
66) n-Nitrosodiphenylamine	10.55	169	1688176	40.645	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	625086	41.485	ng		96
68) Hexachlorobenzene	10.99	284	668318	40.093	ng		99
69) Atrazine	11.07	200	546918	42.314	ng		98
70) Pentachlorophenol	11.18	266	343922	43.524	ng		98
71) Phenanthrene	11.40	178	2632221	39.535	ng		100
72) Anthracene	11.45	178	2665951	39.866	ng		99
73) Carbazole	11.60	167	2544532	39.902	ng		99
74) Di-n-butylphthalate	11.93	149	3095608	42.135	ng		97
75) Fluoranthene	12.58	202	2793157	38.957	ng		96
77) Benzidine	12.70	184	1686840	40.582	ng		99
78) Pyrene	12.81	202	2862539	38.428	ng		99
80) Butylbenzylphthalate	13.42	149	1359032	43.345	ng		95
81) Benzo(a)anthracene	14.00	228	2405280	40.160	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	1004845	43.249	ng	#	98
83) Chrysene	14.04	228	2375294	40.457	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1768699	43.132	ng		99
85) Di-n-octyl phthalate	14.60	149	2980697	44.839	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2232846	43.032	ng		98
88) Benzo(b)fluoranthene	15.06	252	2516877	39.242	ng		99
89) Benzo(k)fluoranthene	15.09	252	2205045	37.426	ng		99
90) Benzo(a)pyrene	15.42	252	2200600	38.986	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1814762	38.691	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1801538	38.326	ng		98

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

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