Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119761.D
Acq On : 6 Apr 2020 10:25
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 06 11:35:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	185816	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	674181	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	325649	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	622267	20.00	ng		0.00
76) Chrysene-d12	13.96	240	512483	20.00	ng		0.00
87) Perylene-d12	15.40	264	548051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	942471	80.74	ng		0.00
7) Phenol-d6	6.42	99	1147733	76.97	ng		0.00
23) Nitrobenzene-d5	7.35	82	1085402	87.50	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	337134	100.35	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1877872	85.43	ng		0.00
79) Terphenyl-d14	12.90	244	1995455	76.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	207366	35.970	ng		100
3) Pyridine	3.19	79	556408	35.033	ng		97
4) n-Nitrosodimethylamine	3.15	42	272733	35.214	ng		97
6) Aniline	6.45	93	765044	37.176	ng		99
8) 2-Chlorophenol	6.57	128	503772	41.092	ng		100
9) Benzaldehyde	6.33	77	316639	33.475	ng		100
10) Phenol	6.43	94	655433	41.196	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	492636	38.715	ng		99
12) 1,3-Dichlorobenzene	6.73	146	541012	40.774	ng		98
13) 1,4-Dichlorobenzene	6.80	146	542135	40.849	ng		99
14) 1,2-Dichlorobenzene	6.96	146	507152	40.882	ng		99
15) Benzyl Alcohol	6.93	79	433979	38.692	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	918605	35.790	ng		100
17) 2-Methylphenol	7.04	107	448004	39.885	ng		99
18) Hexachloroethane	7.30	117	210932	43.369	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	354620	39.457	ng		100
20) 3+4-Methylphenols	7.20	107	564813	41.030	ng	#	77
22) Acetophenone	7.20	105	660131	40.978	ng	#	88
24) Nitrobenzene	7.37	77	555260	41.884	ng		97
25) Isophorone	7.61	82	995133	39.546	ng		98
26) 2-Nitrophenol	7.69	139	257677	49.365	ng		94
27) 2,4-Dimethylphenol	7.73	122	401961	37.242	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	544931	36.621	ng		100
29) 2,4-Dichlorophenol	7.93	162	394672	39.797	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	427448	38.974	ng		97
31) Naphthalene	8.09	128	1410122	40.644	ng		99
32) Benzoic acid	7.85	122	325369	46.864	ng		96
33) 4-Chloroaniline	8.15	127	594987	37.427	ng		97
34) Hexachlorobutadiene	8.22	225	253695	41.343	ng		99
35) Caprolactam	8.52	113	126033	38.831	ng	#	90
36) 4-Chloro-3-methylphenol	8.63	107	435744	40.201	ng		98
37) 2-Methylnaphthalene	8.79	142	918825	40.354	ng		98
38) 1-Methylnaphthalene	8.89	142	865336	40.152	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	410785	43.037	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	237988	43.857	ng		97
43) 2,4,6-Trichlorophenol	9.06	196	312087	45.689	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	347077	45.358	ng		96
46) 1,1'-Biphenyl	9.25	154	1135315	42.806	ng		98
47) 2-Chloronaphthalene	9.27	162	873572	42.049	ng		100
48) 2-Nitroaniline	9.37	65	330847	46.138	ng		99
49) Acenaphthylene	9.69	152	1343989	41.195	ng		98
50) Dimethylphthalate	9.56	163	969516	41.914	ng		99
51) 2,6-Dinitrotoluene	9.62	165	216263	43.619	ng		98
52) Acenaphthene	9.86	154	850310	41.807	ng		99
53) 3-Nitroaniline	9.79	138	260229	41.574	ng		90
54) 2,4-Dinitrophenol	9.89	184	117549	57.085	ng		92
55) Dibenzofuran	10.04	168	1204913	41.320	ng		98
56) 4-Nitrophenol	9.94	139	203627	41.238	ng		98
57) 2,4-Dinitrotoluene	10.02	165	297551	47.641	ng		98
58) Fluorene	10.38	166	914127	42.391	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	246030	43.015	ng		98
60) Diethylphthalate	10.26	149	980454	41.763	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	458960	43.523	ng		95
62) 4-Nitroaniline	10.40	138	261368	43.544	ng		96
63) Azobenzene	10.53	77	993926	42.042	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	167595	64.229	ng		97
66) n-Nitrosodiphenylamine	10.49	169	884280	43.287	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	313291	44.208	ng		95
68) Hexachlorobenzene	10.93	284	315222	43.460	ng		95
69) Atrazine	11.02	200	217890	38.906	ng		96
70) Pentachlorophenol	11.12	266	181667	42.716	ng		99
71) Phenanthrene	11.34	178	1343204	41.629	ng		98
72) Anthracene	11.39	178	1337635	40.790	ng		98
73) Carbazole	11.55	167	1373140	42.304	ng		99
74) Di-n-butylphthalate	11.88	149	1615295	46.520	ng		100
75) Fluoranthene	12.53	202	1415055	40.523	ng		99
77) Benzidine	12.65	184	645481	29.762	ng		99
78) Pyrene	12.76	202	1479794	35.184	ng		98
80) Butylbenzylphthalate	13.38	149	698783	41.078	ng		98
81) Benzo(a)anthracene	13.94	228	1313610	39.417	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	538966	41.017	ng		99
83) Chrysene	13.99	228	1343563	39.064	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	878851	43.339	ng	#	97
85) Di-n-octyl phthalate	14.56	149	1609630	45.133	ng		98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1383119	42.699	ng		99
88) Benzo(b)fluoranthene	14.99	252	1412364	38.579	ng		99
89) Benzo(k)fluoranthene	15.02	252	1316604	37.768	ng		99
90) Benzo(a)pyrene	15.34	252	1295616	38.942	ng		98
91) Dibenzo(a,h)anthracene	16.85	278	1136887	39.068	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1163218	39.788	ng		99

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

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