Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121422.D
Acq On : 25 Aug 2020 12:02
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 25 13:15:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	156681	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	586823	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	308038	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	585530	20.00	ng		0.00
76) Chrysene-d12	13.86	240	456515	20.00	ng		0.01
86) Perylene-d12	15.27	264	467264	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	712277	74.54	ng		0.01
7) Phenol-d6	6.35	99	860395	70.53	ng		0.01
23) Nitrobenzene-d5	7.27	82	933604	89.98	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	261190	72.76	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1498025	94.86	ng		0.00
79) Terphenyl-d14	12.80	244	1676522	71.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	160964	37.226	ng		99
3) Pyridine	3.03	79	451718	38.924	ng		99
4) n-Nitrosodimethylamine	2.99	42	176561	37.379	ng		100
6) Aniline	6.36	93	473832	33.641	ng	#	62
8) 2-Chlorophenol	6.49	128	371631	37.212	ng		98
9) Benzaldehyde	6.25	77	270813	39.464	ng		96
10) Phenol	6.36	94	432592	33.822	ng		89
11) bis(2-Chloroethyl)ether	6.44	93	360746	36.622	ng		98
12) 1,3-Dichlorobenzene	6.64	146	409926	36.636	ng		98
13) 1,4-Dichlorobenzene	6.72	146	413241	36.585	ng		99
14) 1,2-Dichlorobenzene	6.87	146	366854	34.104	ng		99
15) Benzyl Alcohol	6.85	79	261128	35.579	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	510995	35.231	ng		76
17) 2-Methylphenol	6.97	107	293664	35.637	ng	#	94
18) Hexachloroethane	7.20	117	154449	36.722	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	240205	36.615	ng		99
20) 3+4-Methylphenols	7.13	107	371416	45.624	ng	#	79
22) Acetophenone	7.12	105	512008	37.320	ng		96
24) Nitrobenzene	7.29	77	383145	36.231	ng		99
25) Isophorone	7.53	82	665556	35.247	ng		98
26) 2-Nitrophenol	7.60	139	207893	38.331	ng		99
27) 2,4-Dimethylphenol	7.65	122	284284	36.734	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	465102	36.184	ng		99
29) 2,4-Dichlorophenol	7.85	162	315097	37.292	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	349351	36.156	ng		98
31) Naphthalene	8.00	128	1032541	35.354	ng		99
32) Benzoic acid	7.80	122	193737	34.371	ng		98
33) 4-Chloroaniline	8.06	127	469078	36.271	ng		97
34) Hexachlorobutadiene	8.12	225	204577	35.777	ng		99
35) Caprolactam	8.44	113	106631	38.533	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	317084	37.104	ng		99
37) 2-Methylnaphthalene	8.69	142	690395	36.471	ng		99
38) 1-Methylnaphthalene	8.79	142	648838	36.048	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	328283	35.907	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	120207	36.813 ng	98
43) 2,4,6-Trichlorophenol	8.98	196	229964	36.792 ng	100
44) 2,4,5-Trichlorophenol	9.03	196	237273	36.898 ng	99
46) 1,1'-Biphenyl	9.16	154	836055	36.212 ng	100
47) 2-Chloronaphthalene	9.18	162	681951	35.852 ng	100
48) 2-Nitroaniline	9.29	65	223500	37.319 ng	96
49) Acenaphthylene	9.60	152	1023340	36.221 ng	100
50) Dimethylphthalate	9.46	163	822537	36.703 ng	100
51) 2,6-Dinitrotoluene	9.53	165	180245	37.660 ng	93
52) Acenaphthene	9.77	154	618544	36.032 ng	98
53) 3-Nitroaniline	9.70	138	223629	37.351 ng	96
54) 2,4-Dinitrophenol	9.82	184	86304	37.403 ng	96
55) Dibenzofuran	9.94	168	874941	39.242 ng	98
56) 4-Nitrophenol	9.88	139	124165	33.626 ng	97
57) 2,4-Dinitrotoluene	9.93	165	211435	36.212 ng	88
58) Fluorene	10.28	166	689145	42.405 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	204560	37.213 ng	99
60) Diethylphthalate	10.16	149	781736	35.722 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	336783	40.936 ng	99
62) 4-Nitroaniline	10.32	138	228233	37.204 ng	98
63) Azobenzene	10.43	77	727462	35.790 ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	118638	37.887 ng	88
66) n-Nitrosodiphenylamine	10.40	169	643698	35.640 ng	99
67) 4-Bromophenyl-phenylether	10.76	248	233646	35.973 ng	99
68) Hexachlorobenzene	10.83	284	266916	35.652 ng	96
69) Atrazine	10.93	200	204545	36.559 ng	98
70) Pentachlorophenol	11.03	266	113733	34.143 ng	99
71) Phenanthrene	11.25	178	1037045	34.221 ng	100
72) Anthracene	11.30	178	1048377	35.925 ng	100
73) Carbazole	11.45	167	1017092	36.520 ng	100
74) Di-n-butylphthalate	11.78	149	1229295	36.604 ng	100
75) Fluoranthene	12.43	202	1162262	35.335 ng	99
77) Benzidine	12.56	184	528503	42.020 ng	99
78) Pyrene	12.66	202	1178332	34.362 ng	99
80) Butylbenzylphthalate	13.27	149	537116	36.452 ng	99
81) Benzo(a)anthracene	13.84	228	978712	34.517 ng	98
82) 3,3'-Dichlorobenzidine	13.81	252	401592	36.888 ng	98
83) Chrysene	13.89	228	999658	34.471 ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	663191	38.272 ng	99
85) Di-n-octyl phthalate	14.45	149	1184172	36.926 ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	965697	33.857 ng	99
88) Benzo(b)fluoranthene	14.87	252	1021954	33.854 ng	99
89) Benzo(k)fluoranthene	14.90	252	913352	34.372 ng	99
90) Benzo(a)pyrene	15.22	252	900417	34.521 ng	100
91) Dibenzo(a,h)anthracene	16.66	278	784733	33.555 ng	98
92) Benzo(g,h,i)perylene	17.06	276	781823	34.196 ng	99

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

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