Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121819.D
Acq On : 5 Oct 2020 16:09
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 05 17:14:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	107537	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	404325	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	213387	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	406928	20.00	ng		0.00
76) Chrysene-d12	13.93	240	335724	20.00	ng		0.00
86) Perylene-d12	15.36	264	315447	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	588721	81.36	ng		-0.01
7) Phenol-d6	6.41	99	757845	79.83	ng		0.00
23) Nitrobenzene-d5	7.33	82	637049	84.60	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	226302	85.33	ng		-0.01
45) 2-Fluorobiphenyl	9.13	172	1127208	80.00	ng		0.00
79) Terphenyl-d14	12.87	244	1364767	82.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	128201	38.564	ng		99
3) Pyridine	3.16	79	364011	39.609	ng		98
4) n-Nitrosodimethylamine	3.11	42	163131	38.268	ng		99
6) Aniline	6.43	93	469721	37.991	ng	#	82
8) 2-Chlorophenol	6.55	128	302390	41.045	ng		98
9) Benzaldehyde	6.32	77	219928	35.438	ng		98
10) Phenol	6.42	94	391654	38.742	ng		96
11) bis(2-Chloroethyl)ether	6.50	93	305367	40.079	ng		99
12) 1,3-Dichlorobenzene	6.70	146	335516	40.802	ng		98
13) 1,4-Dichlorobenzene	6.78	146	335168	40.593	ng		99
14) 1,2-Dichlorobenzene	6.93	146	311088	40.899	ng		97
15) Benzyl Alcohol	6.91	79	264170	40.941	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	487574	39.767	ng		97
17) 2-Methylphenol	7.03	107	251665	40.147	ng		99
18) Hexachloroethane	7.27	117	123419	41.746	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	218184	39.878	ng		99
20) 3+4-Methylphenols	7.18	107	302581	40.175	ng		93
22) Acetophenone	7.18	105	414046	40.361	ng	#	95
24) Nitrobenzene	7.35	77	340431	41.798	ng		98
25) Isophorone	7.59	82	606912	40.037	ng		99
26) 2-Nitrophenol	7.67	139	163011	42.807	ng		99
27) 2,4-Dimethylphenol	7.71	122	270448	39.968	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	388641	41.413	ng		99
29) 2,4-Dichlorophenol	7.91	162	255003	41.376	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	265397	40.888	ng		100
31) Naphthalene	8.07	128	879681	41.215	ng		99
32) Benzoic acid	7.85	122	142994	31.167	ng		97
33) 4-Chloroaniline	8.12	127	381277	41.210	ng		99
34) Hexachlorobutadiene	8.19	225	158130	41.505	ng		99
35) Caprolactam	8.50	113	86409	42.102	ng		96
36) 4-Chloro-3-methylphenol	8.61	107	276158	41.595	ng		99
37) 2-Methylnaphthalene	8.76	142	577408	41.281	ng		99
38) 1-Methylnaphthalene	8.86	142	531209	40.807	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	272714	40.914	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	147537	38.759	ng		98
43) 2,4,6-Trichlorophenol	9.05	196	176604	38.871	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	189077	39.366	ng		99
46) 1,1'-Biphenyl	9.23	154	691371	40.471	ng		99
47) 2-Chloronaphthalene	9.25	162	544702	40.463	ng		98
48) 2-Nitroaniline	9.35	65	184522	44.109	ng		95
49) Acenaphthylene	9.66	152	843421	40.777	ng		99
50) Dimethylphthalate	9.53	163	648448	41.927	ng		100
51) 2,6-Dinitrotoluene	9.59	165	145092	44.051	ng		94
52) Acenaphthene	9.83	154	499416	38.228	ng		100
53) 3-Nitroaniline	9.76	138	161168	42.239	ng		100
54) 2,4-Dinitrophenol	9.87	184	63725	38.798	ng	#	89
55) Dibenzofuran	10.01	168	742387	40.352	ng		98
56) 4-Nitrophenol	9.93	139	139648	45.893	ng		88
57) 2,4-Dinitrotoluene	10.00	165	185755	44.828	ng		99
58) Fluorene	10.35	166	589013	41.865	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	160826	41.188	ng		97
60) Diethylphthalate	10.23	149	638735	42.359	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	287230	42.618	ng		96
62) 4-Nitroaniline	10.37	138	166749	44.014	ng		99
63) Azobenzene	10.50	77	664725	41.396	ng		96
65) 4,6-Dinitro-2-methylphenol	10.41	198	105197	42.967	ng		97
66) n-Nitrosodiphenylamine	10.46	169	554117	39.691	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	192049	41.452	ng		96
68) Hexachlorobenzene	10.90	284	211112	40.377	ng		98
69) Atrazine	10.99	200	144579	41.684	ng		100
70) Pentachlorophenol	11.10	266	104546	36.409	ng		97
71) Phenanthrene	11.31	178	885002	39.917	ng		99
72) Anthracene	11.36	178	922735	40.330	ng		100
73) Carbazole	11.52	167	832574	40.325	ng		99
74) Di-n-butylphthalate	11.84	149	1018822	42.754	ng		100
75) Fluoranthene	12.50	202	972841	41.105	ng		99
77) Benzidine	12.62	184	410638	36.895	ng		99
78) Pyrene	12.73	202	986186	40.205	ng		100
80) Butylbenzylphthalate	13.34	149	440947	44.449	ng		94
81) Benzo(a)anthracene	13.92	228	880063	41.435	ng		100
82) 3,3'-Dichlorobenzidine	13.87	252	345851	41.709	ng	#	98
83) Chrysene	13.95	228	870684	40.482	ng		100
84) Bis(2-ethylhexyl)phthalate	13.90	149	612314	46.203	ng	#	99
85) Di-n-octyl phthalate	14.51	149	1026953	43.908	ng		99
87) Indeno(1,2,3-cd)pyrene	16.78	276	750604	36.538	ng		100
88) Benzo(b)fluoranthene	14.95	252	866417	41.086	ng		99
89) Benzo(k)fluoranthene	14.98	252	796123	41.226	ng		100
90) Benzo(a)pyrene	15.30	252	736989	41.114	ng		99
91) Dibenzo(a,h)anthracene	16.79	278	626407	36.631	ng		99
92) Benzo(g,h,i)perylene	17.20	276	605173	36.002	ng		97

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

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