Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010521\
Data File : BF122920.D
Acq On : 5 Jan 2021 13:41
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 05 14:25:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 05 14:20:20 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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1/6/2021 12:02:12 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	107090	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	385975	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	205764	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	387718	20.00	ng	0.00
76) Chrysene-d12	13.992	240	344157	20.00	ng	0.00
86) Perylene-d12	15.457	264	325859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	479687	70.91	ng	0.00
7) Phenol-d6	6.445	99	612766	68.30	ng	0.00
23) Nitrobenzene-d5	7.375	82	534939	69.44	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	188463	69.97	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1024057	67.32	ng	0.00
79) Terphenyl-d14	12.933	244	1314779	66.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.510	88	106865	33.61	ng	97
3) Pyridine	3.246	79	284588	33.86	ng	98
4) n-Nitrosodimethylamine	3.199	42	112158	33.28	ng	89
6) Aniline	6.469	93	348426	32.99	ng	93
8) 2-Chlorophenol	6.593	128	261746	35.11	ng	97
9) Benzaldehyde	6.351	77	156932	28.90	ng	98
10) Phenol	6.457	94	314591	33.84	ng	93
11) bis(2-Chloroethyl)ether	6.540	93	237424	33.43	ng	100
12) 1,3-Dichlorobenzene	6.745	146	307772	34.89	ng	99
13) 1,4-Dichlorobenzene	6.822	146	310840	34.94	ng	99
14) 1,2-Dichlorobenzene	6.975	146	287493	33.48	ng	98
15) Benzyl Alcohol	6.951	79	208956	33.83	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	299455	29.57	ng	85
17) 2-Methylphenol	7.069	107	204743	34.55	ng	98
18) Hexachloroethane	7.316	117	111263	35.10	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	167727	32.64	ng	96
20) 3+4-Methylphenols	7.222	107	253040	33.80	ng	92
22) Acetophenone	7.222	105	338191	35.24	ng	98
24) Nitrobenzene	7.392	77	263263	34.35	ng	98
25) Isophorone	7.634	82	439871	33.15	ng	98
26) 2-Nitrophenol	7.710	139	135889	36.36	ng	97
27) 2,4-Dimethylphenol	7.751	122	188193	34.35	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	304386	33.50	ng	100
29) 2,4-Dichlorophenol	7.957	162	221960	34.69	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	252706	34.86	ng	100
31) Naphthalene	8.116	128	748242	35.13	ng	99
32) Benzoic acid	7.892	122	135290	30.99	ng	99
33) 4-Chloroaniline	8.169	127	311043	34.93	ng	98
34) Hexachlorobutadiene	8.234	225	157946	35.40	ng	98
35) Caprolactam	8.545	113	66518m	34.52	ng	
36) 4-Chloro-3-methylphenol	8.657	107	223039	35.39	ng	99
37) 2-Methylnaphthalene	8.810	142	491965	34.92	ng	97
38) 1-Methylnaphthalene	8.904	142	461296	34.61	ng	100
40) 1,2,4,5-Tetrachloroben...	8.975	216	238211	34.95	ng	99
41) Hexachlorocyclopentadiene	8.957	237	52469	17.41	ng	95
43) 2,4,6-Trichlorophenol	9.092	196	160234	34.04	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	167941	34.52	ng	99
46) 1,1'-Biphenyl	9.275	154	598904	35.07	ng	98
47) 2-Chloronaphthalene	9.298	162	500394	35.37	ng	99
48) 2-Nitroaniline	9.398	65	142962	34.66	ng	94
49) Acenaphthylene	9.710	152	731850	35.02	ng	99
50) Dimethylphthalate	9.575	163	575685	35.03	ng	99
51) 2,6-Dinitrotoluene	9.639	165	125162	36.06	ng	94
52) Acenaphthene	9.886	154	437460	32.35	ng	98
53) 3-Nitroaniline	9.810	138	139843	34.87	ng	90
54) 2,4-Dinitrophenol	9.928	184	56717	33.42	ng	92
55) Dibenzofuran	10.057	168	658659	34.63	ng	99
56) 4-Nitrophenol	9.981	139	85719	29.98	ng	85
57) 2,4-Dinitrotoluene	10.051	165	166575	36.03	ng	97
58) Fluorene	10.404	166	527274	34.86	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	145354	34.00	ng	98
60) Diethylphthalate	10.275	149	561326	35.12	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	263336	35.36	ng	98
62) 4-Nitroaniline	10.428	138	149980	36.84	ng	96
63) Azobenzene	10.551	77	500416	34.06	ng	100
65) 4,6-Dinitro-2-methylph...	10.463	198	86325	36.51	ng	98
66) n-Nitrosodiphenylamine	10.510	169	470844	34.37	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	179225	34.11	ng	98
68) Hexachlorobenzene	10.957	284	197569	34.02	ng	94
69) Atrazine	11.039	200	151905	34.14	ng	99
70) Pentachlorophenol	11.151	266	85165	27.68	ng	99
71) Phenanthrene	11.369	178	800800	34.75	ng	98
72) Anthracene	11.416	178	798926	34.97	ng	99
73) Carbazole	11.575	167	730489	35.25	ng	99
74) Di-n-butylphthalate	11.904	149	910402	34.97	ng	98
75) Fluoranthene	12.557	202	857968	35.51	ng	99
77) Benzidine	12.680	184	322646	43.34	ng	100
78) Pyrene	12.792	202	867496	32.60	ng	98
80) Butylbenzylphthalate	13.404	149	399036	33.29	ng	97
81) Benzo(a)anthracene	13.980	228	824074	35.83	ng	97
82) 3,3'-Dichlorobenzidine	13.945	252	284080	34.48	ng	98
83) Chrysene	14.021	228	775635	33.89	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	555225	33.83	ng	99
85) Di-n-octyl phthalate	14.580	149	919873	33.79	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	761502	35.60	ng	99
88) Benzo(b)fluoranthene	15.033	252	837876	36.65	ng	100
89) Benzo(k)fluoranthene	15.063	252	714558	34.18	ng	99
90) Benzo(a)pyrene	15.398	252	723176	36.15	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	630391	36.01	ng	98
92) Benzo(g,h,i)perylene	17.362	276	598590	35.33	ng	98

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

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