Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118959.D
Acq On : 20 Feb 2020 14:16
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Feb 20 15:26:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 15:19:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183430	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	660836	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	365617	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	669533	20.00	ng	0.00
76) Chrysene-d12	13.91	240	515337	20.00	ng	0.00
87) Perylene-d12	15.33	264	744197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	847629	88.01	ng	0.00
7) Phenol-d6	6.40	99	1030524	84.64	ng	0.00
23) Nitrobenzene-d5	7.33	82	947803	79.77	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	358898	79.24	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1813281	80.11	ng	0.00
79) Terphenyl-d14	12.86	244	2163231	82.61	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	185008	42.865	ng	100
3) Pyridine	3.18	79	502310	42.149	ng	100
4) n-Nitrosodimethylamine	3.13	42	152984	41.683	ng	100
6) Aniline	6.43	93	642320	40.341	ng	100
8) 2-Chlorophenol	6.55	128	458032	39.350	ng	100
9) Benzaldehyde	6.31	77	342140	47.056	ng	100
10) Phenol	6.42	94	555068	39.877	ng	100
11) bis(2-Chloroethyl)ether	6.50	93	420161	38.438	ng	100
12) 1,3-Dichlorobenzene	6.70	146	539768	38.656	ng	100
13) 1,4-Dichlorobenzene	6.78	146	546491	39.037	ng	100
14) 1,2-Dichlorobenzene	6.93	146	500494	38.930	ng	100
15) Benzyl Alcohol	6.90	79	376811	39.678	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	362185	36.746	ng	100
17) 2-Methylphenol	7.02	107	366946	38.485	ng	100
18) Hexachloroethane	7.27	117	192958	38.367	ng	100
19) n-Nitroso-di-n-propylamine	7.18	70	293130	37.735	ng	100
20) 3+4-Methylphenols	7.17	107	439912	39.535	ng	100
22) Acetophenone	7.17	105	580219	40.344	ng	100
24) Nitrobenzene	7.35	77	465598	38.699	ng	100
25) Isophorone	7.59	82	810746	38.108	ng	100
26) 2-Nitrophenol	7.66	139	248145	38.620	ng	100
27) 2,4-Dimethylphenol	7.70	122	336166	39.093	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	534664	38.417	ng	100
29) 2,4-Dichlorophenol	7.90	162	401260	39.127	ng	100
30) 1,2,4-Trichlorobenzene	7.99	180	474080	39.403	ng	100
31) Naphthalene	8.06	128	1312037	39.178	ng	100
32) Benzoic acid	7.84	122	226308	36.431	ng	100
33) 4-Chloroaniline	8.12	127	564468	39.370	ng	100
34) Hexachlorobutadiene	8.19	225	292044	39.233	ng	100
35) Caprolactam	8.49	113	124204	40.029	ng	100
36) 4-Chloro-3-methylphenol	8.60	107	403467	39.371	ng	100
37) 2-Methylnaphthalene	8.76	142	877230	39.268	ng	100
38) 1-Methylnaphthalene	8.86	142	831236	39.679	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	461417	39.338	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	134921	38.335 ng	100
43) 2,4,6-Trichlorophenol	9.03	196	291859	37.705 ng	100
44) 2,4,5-Trichlorophenol	9.08	196	308243	38.407 ng	100
46) 1,1'-Biphenyl	9.22	154	1120275	39.856 ng	100
47) 2-Chloronaphthalene	9.25	162	894084	38.328 ng	100
48) 2-Nitroaniline	9.34	65	250027	38.306 ng	100
49) Acenaphthylene	9.66	152	1303602	39.139 ng	100
50) Dimethylphthalate	9.52	163	1035991	37.531 ng	100
51) 2,6-Dinitrotoluene	9.58	165	232864	37.769 ng	100
52) Acenaphthene	9.83	154	786325	38.782 ng	100
53) 3-Nitroaniline	9.75	138	261423	38.527 ng	100
54) 2,4-Dinitrophenol	9.86	184	97803	35.664 ng	100
55) Dibenzofuran	10.00	168	1189458	39.301 ng	100
56) 4-Nitrophenol	9.92	139	159184	38.082 ng	100
57) 2,4-Dinitrotoluene	9.99	165	309255	38.775 ng	100
58) Fluorene	10.35	166	916708	39.083 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	255841	37.090 ng	100
60) Diethylphthalate	10.22	149	993583	38.182 ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	483825	38.765 ng	100
62) 4-Nitroaniline	10.36	138	267420	38.282 ng	100
63) Azobenzene	10.49	77	859191	37.544 ng	100
65) 4,6-Dinitro-2-methylphenol	10.40	198	152009	36.839 ng	100
66) n-Nitrosodiphenylamine	10.45	169	829289	39.111 ng	100
67) 4-Bromophenyl-phenylether	10.82	248	326534	37.989 ng	100
68) Hexachlorobenzene	10.89	284	378084	38.422 ng	100
69) Atrazine	10.98	200	286257	40.334 ng	100
70) Pentachlorophenol	11.09	266	150688	35.769 ng	100
71) Phenanthrene	11.30	178	1379496	39.237 ng	100
72) Anthracene	11.35	178	1399916	39.797 ng	100
73) Carbazole	11.50	167	1236144	39.207 ng	100
74) Di-n-butylphthalate	11.84	149	1489824	37.242 ng	100
75) Fluoranthene	12.49	202	1482964	37.866 ng	100
77) Benzidine	12.60	184	808214	48.986 ng	100
78) Pyrene	12.72	202	1510743	40.623 ng	100
80) Butylbenzylphthalate	13.33	149	646579	39.676 ng	100
81) Benzo(a)anthracene	13.90	228	1322673	41.884 ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	535644	43.590 ng	100
83) Chrysene	13.94	228	1306984	41.283 ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	826049	40.001 ng	100
85) Di-n-octyl phthalate	14.50	149	1385317	41.610 ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1643374	52.743 ng	100
88) Benzo(b)fluoranthene	14.93	252	1294791	25.809 ng	100
89) Benzo(k)fluoranthene	14.96	252	1311367	29.414 ng	100
90) Benzo(a)pyrene	15.28	252	1634032	37.805 ng	100
91) Dibenzo(a,h)anthracene	16.74	278	1361234	34.749 ng	100
92) Benzo(g,h,i)perylene	17.16	276	1323781	34.249 ng	100

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

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