Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121445.D
Acq On : 27 Aug 2020 19:39
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Aug 28 03:11:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 03:08:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	360956	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1344299	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	688852	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1272491	20.00	ng	0.00
76) Chrysene-d12	14.03	240	980070	20.00	ng	0.00
86) Perylene-d12	15.49	264	989006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1598353	72.57	ng	0.00
7) Phenol-d6	6.49	99	2231946	73.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	1584173	74.25	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	567397	73.56	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3042939	69.57	ng	0.00
79) Terphenyl-d14	12.97	244	3234085	69.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	374471	36.733	ng	100
3) Pyridine	3.39	79	1038546	36.742	ng	100
4) n-Nitrosodimethylamine	3.35	42	464906	37.789	ng	100
6) Aniline	6.52	93	1373751	39.738	ng	100
8) 2-Chlorophenol	6.65	128	857450	37.371	ng	100
9) Benzaldehyde	6.41	77	580384	37.595	ng	100
10) Phenol	6.50	94	1161471	39.055	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	878574	34.241	ng	100
12) 1,3-Dichlorobenzene	6.80	146	968193	36.762	ng	100
13) 1,4-Dichlorobenzene	6.88	146	976109	37.005	ng	100
14) 1,2-Dichlorobenzene	7.03	146	908921	37.047	ng	100
15) Benzyl Alcohol	7.00	79	762120	37.290	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1319497	36.492	ng	100
17) 2-Methylphenol	7.11	107	713636	37.034	ng	100
18) Hexachloroethane	7.37	117	349336	36.509	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	635656	36.547	ng	100
20) 3+4-Methylphenols	7.27	107	863097	36.741	ng	100
22) Acetophenone	7.27	105	1188951	35.798	ng	100
24) Nitrobenzene	7.45	77	835633	36.681	ng	100
25) Isophorone	7.69	82	1621134	35.786	ng	100
26) 2-Nitrophenol	7.76	139	274119	34.527	ng	100
27) 2,4-Dimethylphenol	7.80	122	694182	37.135	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	1118790	36.494	ng	100
29) 2,4-Dichlorophenol	8.00	162	713302	37.332	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	811079	36.608	ng	100
31) Naphthalene	8.17	128	2422786	36.086	ng	100
32) Benzoic acid	7.92	122	385278	36.624	ng	100
33) 4-Chloroaniline	8.22	127	1100564	37.454	ng	100
34) Hexachlorobutadiene	8.29	225	483242	36.544	ng	100
35) Caprolactam	8.59	113	236504	36.052	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	721139	36.378	ng	100
37) 2-Methylnaphthalene	8.86	142	1619455	36.120	ng	100
38) 1-Methylnaphthalene	8.96	142	1535572	36.217	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	745815	37.023	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	348877	35.792	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	519615	38.080	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	506877	37.328	ng	100
46) 1,1'-Biphenyl	9.32	154	1886877	36.598	ng	100
47) 2-Chloronaphthalene	9.35	162	1552376	36.814	ng	100
48) 2-Nitroaniline	9.44	65	412326	38.074	ng	100
49) Acenaphthylene	9.76	152	2339499	36.264	ng	100
50) Dimethylphthalate	9.63	163	1730937	35.406	ng	100
51) 2,6-Dinitrotoluene	9.69	165	308397	35.571	ng	100
52) Acenaphthene	9.94	154	1468129	36.019	ng	100
53) 3-Nitroaniline	9.86	138	407075	37.185	ng	100
54) 2,4-Dinitrophenol	9.95	184	84438	30.484	ng	100
55) Dibenzofuran	10.11	168	2135706	36.388	ng	100
56) 4-Nitrophenol	10.00	139	296915	37.014	ng	100
57) 2,4-Dinitrotoluene	10.09	165	366113	35.024	ng	100
58) Fluorene	10.45	166	1566468	35.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	437633	37.498	ng	100
60) Diethylphthalate	10.33	149	1759325	35.135	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	786679	35.094	ng	100
62) 4-Nitroaniline	10.47	138	417613	37.631	ng	100
63) Azobenzene	10.60	77	1712681	35.368	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	117991	31.692	ng	100
66) n-Nitrosodiphenylamine	10.56	169	1483760	36.949	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	513373	36.612	ng	100
68) Hexachlorobenzene	11.00	284	593996	36.226	ng	100
69) Atrazine	11.09	200	441430	35.606	ng	100
70) Pentachlorophenol	11.19	266	318597	38.906	ng	100
71) Phenanthrene	11.41	178	2342229	36.019	ng	100
72) Anthracene	11.46	178	2315181	36.058	ng	100
73) Carbazole	11.62	167	2220771	35.738	ng	100
74) Di-n-butylphthalate	11.95	149	2551784	34.647	ng	100
75) Fluoranthene	12.60	202	2528314	35.484	ng	100
77) Benzidine	12.72	184	809772	36.777	ng	100
78) Pyrene	12.83	202	2583012	37.289	ng	100
80) Butylbenzylphthalate	13.45	149	1104580	38.312	ng	100
81) Benzo(a)anthracene	14.02	228	2119100	35.443	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	825748	37.332	ng	100
83) Chrysene	14.06	228	2151979	36.280	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1336702	35.038	ng	100
85) Di-n-octyl phthalate	14.63	149	2389881	35.998	ng	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2093003	33.751	ng	100
88) Benzo(b)fluoranthene	15.06	252	2348557	36.423	ng	100
89) Benzo(k)fluoranthene	15.10	252	2037368	34.804	ng	100
90) Benzo(a)pyrene	15.43	252	2037296	35.684	ng	100
91) Dibenzo(a,h)anthracene	16.98	278	1729420	33.977	ng	100
92) Benzo(g,h,i)perylene	17.40	276	1643656	33.594	ng	100

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

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