Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
Data File : BF122560.D
Acq On : 5 Dec 2020 15:41
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Dec 07 07:42:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 07:28:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	193901	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	708990	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	377044	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	681817	20.00	ng	0.00
76) Chrysene-d12	14.010	240	550096	20.00	ng	0.00
86) Perylene-d12	15.468	264	493605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	983425	77.88	ng	0.00
7) Phenol-d6	6.481	99	1307332	79.14	ng	0.00
23) Nitrobenzene-d5	7.410	82	1151566	99.44	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	406688	100.50	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2098814	86.97	ng	0.00
79) Terphenyl-d14	12.957	244	2422006	93.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	231482	39.97	ng	100
3) Pyridine	3.357	79	628971	39.49	ng	100
4) n-Nitrosodimethylamine	3.310	42	250893	33.41	ng	100
6) Aniline	6.504	93	781532	36.06	ng	100
8) 2-Chlorophenol	6.628	128	546564	41.74	ng	100
9) Benzaldehyde	6.393	77	348887	37.45	ng	100
10) Phenol	6.493	94	671844	41.30	ng	100
11) bis(2-Chloroethyl)ether	6.581	93	520284	40.24	ng	100
12) 1,3-Dichlorobenzene	6.787	146	641961	43.18	ng	100
13) 1,4-Dichlorobenzene	6.863	146	643226	43.07	ng	100
14) 1,2-Dichlorobenzene	7.016	146	595390	42.72	ng	100
15) Benzyl Alcohol	6.987	79	463677	39.48	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	743437	39.45	ng	100
17) 2-Methylphenol	7.098	107	444607	40.68	ng	100
18) Hexachloroethane	7.357	117	232429	44.69	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	375532	38.04	ng	100
20) 3+4-Methylphenols	7.251	107	532610	39.60	ng	100
22) Acetophenone	7.257	105	700428	37.93	ng	100
24) Nitrobenzene	7.428	77	567487	42.83	ng	100
25) Isophorone	7.669	82	991969	38.42	ng	100
26) 2-Nitrophenol	7.739	139	286937	64.17	ng	100
27) 2,4-Dimethylphenol	7.781	122	409312	33.61	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	674317	42.70	ng	100
29) 2,4-Dichlorophenol	7.987	162	479169	44.44	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	534203	44.89	ng	100
31) Naphthalene	8.151	128	1569687	41.64	ng	100
32) Benzoic acid	7.910	122	349875	63.67	ng	100
33) 4-Chloroaniline	8.198	127	663588	40.42	ng	100
34) Hexachlorobutadiene	8.269	225	330089	48.26	ng	100
35) Caprolactam	8.575	113	145067	42.45	ng	100
36) 4-Chloro-3-methylphenol	8.681	107	474549	42.20	ng	100
37) 2-Methylnaphthalene	8.839	142	1036551	41.62	ng	100
38) 1-Methylnaphthalene	8.939	142	976413	41.89	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	506411	43.59	ng	100
41) Hexachlorocyclopentadiene	8.998	237	237713	34.99	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	356980	47.31	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	363846	46.00	ng	100
46) 1,1'-Biphenyl	9.304	154	1255107	41.82	ng	100
47) 2-Chloronaphthalene	9.328	162	1040013	43.66	ng	100
48) 2-Nitroaniline	9.428	65	316531	54.12	ng	100
49) Acenaphthylene	9.745	152	1536877	41.98	ng	100
50) Dimethylphthalate	9.610	163	1215777	45.36	ng	100
51) 2,6-Dinitrotoluene	9.669	165	264577	51.06	ng	100
52) Acenaphthene	9.916	154	1008311	44.50	ng	100
53) 3-Nitroaniline	9.839	138	307012	51.30	ng	100
54) 2,4-Dinitrophenol	9.939	184	134623	85.02	ng	100
55) Dibenzofuran	10.086	168	1394132	41.99	ng	100
56) 4-Nitrophenol	9.998	139	224964	43.99	ng	100
57) 2,4-Dinitrotoluene	10.069	165	355329	56.69	ng	100
58) Fluorene	10.433	166	1052607	41.40	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	324448	49.32	ng	100
60) Diethylphthalate	10.304	149	1183719	45.02	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	537441	44.78	ng	100
62) 4-Nitroaniline	10.451	138	308767	52.40	ng	100
63) Azobenzene	10.580	77	1095092	39.70	ng	100
65) 4,6-Dinitro-2-methylph...	10.480	198	179113	69.14	ng	100
66) n-Nitrosodiphenylamine	10.539	169	973620	41.91	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	376825	47.03	ng	100
68) Hexachlorobenzene	10.980	284	413305	47.74	ng	100
69) Atrazine	11.069	200	315399	54.52	ng	100
70) Pentachlorophenol	11.175	266	239550	48.03	ng	100
71) Phenanthrene	11.392	178	1607643	41.56	ng	100
72) Anthracene	11.445	178	1605356	40.27	ng	100
73) Carbazole	11.598	167	1467085	40.45	ng	100
74) Di-n-butylphthalate	11.927	149	1830198	47.33	ng	100
75) Fluoranthene	12.580	202	1706828	42.26	ng	100
77) Benzidine	12.698	184	539773	35.38	ng	100
78) Pyrene	12.810	202	1723863	44.61	ng	100
80) Butylbenzylphthalate	13.427	149	785015	56.50	ng	100
81) Benzo(a)anthracene	13.998	228	1462741	42.76	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	534198	41.90	ng	100
83) Chrysene	14.039	228	1463121	42.46	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	1037924	55.70	ng	100
85) Di-n-octyl phthalate	14.598	149	1728571	54.73	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1273591	43.00	ng	100
88) Benzo(b)fluoranthene	15.045	252	1457819	45.60	ng	100
89) Benzo(k)fluoranthene	15.074	252	1252068	40.17	ng	100
90) Benzo(a)pyrene	15.410	252	1228273	44.07	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1040145	41.93	ng	100
92) Benzo(g,h,i)perylene	17.368	276	991193	41.09	ng	100

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

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