Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
Data File : BF122564.D
Acq On : 5 Dec 2020 18:18
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF120520

Quant Time: Dec 07 12:12:02 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 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	172777	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	628349	20.00	ng		0.00
39) Acenaphthene-d10	9.881	164	334533	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	615292	20.00	ng		0.00
76) Chrysene-d12	14.010	240	490075	20.00	ng		0.00
86) Perylene-d12	15.463	264	435139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	883736	80.98	ng		0.00
7) Phenol-d6	6.475	99	1163079	80.36	ng		0.00
23) Nitrobenzene-d5	7.410	82	1019857	81.32	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	357133	81.56	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1865979	75.44	ng		0.00
79) Terphenyl-d14	12.957	244	2211241	78.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	207437	40.44	ng		100
3) Pyridine	3.334	79	557154	41.09	ng		100
4) n-Nitrosodimethylamine	3.287	42	221395	40.72	ng		100
6) Aniline	6.504	93	694690	40.77	ng		100
8) 2-Chlorophenol	6.628	128	490045	40.74	ng		99
9) Benzaldehyde	6.393	77	316855	36.17	ng		98
10) Phenol	6.487	94	608502	40.57	ng		94
11) bis(2-Chloroethyl)ether	6.581	93	471963	41.19	ng		98
12) 1,3-Dichlorobenzene	6.781	146	578805	40.67	ng		96
13) 1,4-Dichlorobenzene	6.857	146	584479	40.73	ng		97
14) 1,2-Dichlorobenzene	7.016	146	541181	39.06	ng		99
15) Benzyl Alcohol	6.987	79	412662	41.41	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	667613	40.86	ng		100
17) 2-Methylphenol	7.098	107	388072	40.58	ng		99
18) Hexachloroethane	7.357	117	211469	41.35	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	334516	40.35	ng		97
20) 3+4-Methylphenols	7.251	107	475996	39.40	ng		94
22) Acetophenone	7.251	105	623089	39.88	ng	#	94
24) Nitrobenzene	7.428	77	508166	40.73	ng		99
25) Isophorone	7.669	82	879074	40.70	ng		98
26) 2-Nitrophenol	7.739	139	257279	42.28	ng		99
27) 2,4-Dimethylphenol	7.781	122	367715	41.23	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	601564	40.67	ng		100
29) 2,4-Dichlorophenol	7.987	162	427463	41.04	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	478983	40.59	ng		99
31) Naphthalene	8.151	128	1397026	40.29	ng		100
32) Benzoic acid	7.910	122	301364	42.41	ng		97
33) 4-Chloroaniline	8.198	127	593750	40.96	ng		99
34) Hexachlorobutadiene	8.269	225	296757	40.86	ng		99
35) Caprolactam	8.569	113	130346	41.55	ng		96
36) 4-Chloro-3-methylphenol	8.681	107	419993	40.94	ng		98
37) 2-Methylnaphthalene	8.839	142	926058	40.37	ng		99
38) 1-Methylnaphthalene	8.939	142	867188	39.97	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	449174	40.54	ng		100
41) Hexachlorocyclopentadiene	8.992	237	205463	41.94	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	313835	41.01	ng		98

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44) 2,4,5-Trichlorophenol	9.157	196	327831	41.44	ng		98
46) 1,1'-Biphenyl	9.304	154	1124811	40.51	ng		99
47) 2-Chloronaphthalene	9.328	162	923860	40.16	ng		100
48) 2-Nitroaniline	9.422	65	280355	41.80	ng		91
49) Acenaphthylene	9.745	152	1377029	40.53	ng		99
50) Dimethylphthalate	9.604	163	1081894	40.49	ng		99
51) 2,6-Dinitrotoluene	9.663	165	239388	42.42	ng		88
52) Acenaphthene	9.916	154	903538	41.10	ng		98
53) 3-Nitroaniline	9.833	138	270317	41.46	ng		93
54) 2,4-Dinitrophenol	9.939	184	121270	43.96	ng		97
55) Dibenzofuran	10.086	168	1251303	40.47	ng		99
56) 4-Nitrophenol	9.992	139	197527	42.49	ng		89
57) 2,4-Dinitrotoluene	10.069	165	317613	42.26	ng		97
58) Fluorene	10.433	166	941675	38.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	286723	41.26	ng		100
60) Diethylphthalate	10.304	149	1054568	40.58	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	483352	39.92	ng		99
62) 4-Nitroaniline	10.451	138	273738	41.36	ng		95
63) Azobenzene	10.581	77	973300	40.75	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	162314	43.26	ng		92
66) n-Nitrosodiphenylamine	10.539	169	869873	40.01	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	336316	40.34	ng		97
68) Hexachlorobenzene	10.980	284	368866	40.02	ng		99
69) Atrazine	11.069	200	281858	39.92	ng		99
70) Pentachlorophenol	11.175	266	208634	42.72	ng		99
71) Phenanthrene	11.392	178	1464222	40.04	ng		99
72) Anthracene	11.445	178	1451609	40.03	ng		100
73) Carbazole	11.598	167	1304281	39.66	ng		100
74) Di-n-butylphthalate	11.927	149	1676206	40.57	ng		100
75) Fluoranthene	12.580	202	1531346	39.93	ng		100
77) Benzidine	12.698	184	464248	43.80	ng		99
78) Pyrene	12.810	202	1539671	40.63	ng		99
80) Butylbenzylphthalate	13.427	149	696775	40.83	ng		99
81) Benzo(a)anthracene	13.998	228	1309374	39.98	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	473746	40.39	ng	#	98
83) Chrysene	14.033	228	1298577	39.84	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	943968	40.39	ng		99
85) Di-n-octyl phthalate	14.598	149	1579724	40.75	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1145973	40.12	ng		100
88) Benzo(b)fluoranthene	15.045	252	1219058	39.93	ng		99
89) Benzo(k)fluoranthene	15.074	252	1194907	42.81	ng		99
90) Benzo(a)pyrene	15.410	252	1089890	40.80	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	934129	39.96	ng		99
92) Benzo(g,h,i)perylene	17.368	276	910684	40.25	ng		99

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

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