Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
Data File : BF122637.D
Acq On : 10 Dec 2020 8:58
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/11/2020 1:21:03 PM

Quant Time: Dec 10 11:55:49 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	6.839	152	190011	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	659124	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	329785	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	559355	20.00	ng	0.00
76) Chrysene-d12	14.009	240	426863	20.00	ng	0.00
86) Perylene-d12	15.468	264	433296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	943798	78.64	ng	0.00
7) Phenol-d6	6.481	99	1178928	74.06	ng	0.00
23) Nitrobenzene-d5	7.410	82	944082	71.76	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	326523	75.64	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1683550	69.05	ng	0.00
79) Terphenyl-d14	12.951	244	1733333	71.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	205582	36.44	ng	99
3) Pyridine	3.334	79	549275	36.84	ng	98
4) n-Nitrosodimethylamine	3.293	42	214376	35.85	ng	97
6) Aniline	6.504	93	745208	39.77	ng	99
8) 2-Chlorophenol	6.628	128	493148	37.28	ng	99
9) Benzaldehyde	6.392	77	365679	37.96	ng	99
10) Phenol	6.492	94	614948	37.28	ng	99
11) bis(2-Chloroethyl)ether	6.581	93	468725	37.20	ng	99
12) 1,3-Dichlorobenzene	6.786	146	563006	35.97	ng	99
13) 1,4-Dichlorobenzene	6.857	146	568996	36.05	ng	98
14) 1,2-Dichlorobenzene	7.016	146	520941	34.19	ng	99
15) Benzyl Alcohol	6.986	79	398195	36.33	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	600466	33.42	ng	99
17) 2-Methylphenol	7.098	107	405200	38.53	ng	97
18) Hexachloroethane	7.357	117	199367	35.45	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	316878	34.75	ng	97
20) 3+4-Methylphenols	7.251	107	462497	34.81	ng	99
22) Acetophenone	7.257	105	618381	37.73	ng	99
24) Nitrobenzene	7.428	77	492936	37.67	ng	100
25) Isophorone	7.669	82	859908	37.95	ng	98
26) 2-Nitrophenol	7.745	139	256061	40.12	ng	90
27) 2,4-Dimethylphenol	7.780	122	411067	43.94	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	555028	35.77	ng	99
29) 2,4-Dichlorophenol	7.986	162	407660	37.31	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	446183	36.04	ng	99
31) Naphthalene	8.151	128	1358002	37.34	ng	99
32) Benzoic acid	7.910	122	226867	30.43	ng	96
33) 4-Chloroaniline	8.198	127	572338	37.64	ng	99
34) Hexachlorobutadiene	8.269	225	267798	35.15	ng	98
35) Caprolactam	8.575	113	115771	35.18	ng	97
36) 4-Chloro-3-methylphenol	8.680	107	403571	37.50	ng	98
37) 2-Methylnaphthalene	8.839	142	885842	36.82	ng	98
38) 1-Methylnaphthalene	8.939	142	814809	35.80	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	430346	39.40	ng	100
41) Hexachlorocyclopentadiene	8.992	237	207923	43.05	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	275269	36.49	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	297301	38.13	ng		100
46) 1,1'-Biphenyl	9.304	154	1057069	38.62	ng		99
47) 2-Chloronaphthalene	9.327	162	835878	36.86	ng		99
48) 2-Nitroaniline	9.422	65	232489	35.17	ng		90
49) Acenaphthylene	9.745	152	1267723	37.85	ng		100
50) Dimethylphthalate	9.604	163	937500	35.60	ng		99
51) 2,6-Dinitrotoluene	9.663	165	212902	38.27	ng		90
52) Acenaphthene	9.916	154	800987m	36.96	ng		
53) 3-Nitroaniline	9.833	138	224594	34.94	ng		94
54) 2,4-Dinitrophenol	9.945	184	91600	33.68	ng		91
55) Dibenzofuran	10.086	168	1126877	36.97	ng		99
56) 4-Nitrophenol	9.992	139	155199	33.86	ng		90
57) 2,4-Dinitrotoluene	10.069	165	276433	37.31	ng		95
58) Fluorene	10.427	166	857647	35.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	239310	34.93	ng		99
60) Diethylphthalate	10.298	149	881175	34.40	ng		100
61) 4-Chlorophenyl-phenyle...	10.421	204	422424	35.39	ng		95
62) 4-Nitroaniline	10.445	138	216837	33.23	ng		98
63) Azobenzene	10.580	77	842944	35.80	ng		98
65) 4,6-Dinitro-2-methylph...	10.480	198	136552	40.04	ng		93
66) n-Nitrosodiphenylamine	10.539	169	773445	39.13	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	283367	37.38	ng		95
68) Hexachlorobenzene	10.980	284	310582	37.07	ng		96
69) Atrazine	11.063	200	227504	35.44	ng		99
70) Pentachlorophenol	11.174	266	165480	37.27	ng		99
71) Phenanthrene	11.392	178	1241360	37.34	ng		99
72) Anthracene	11.445	178	1276059	38.71	ng		99
73) Carbazole	11.598	167	1120297	37.47	ng		99
74) Di-n-butylphthalate	11.927	149	1310418	34.89	ng		99
75) Fluoranthene	12.580	202	1236673	35.48	ng		99
77) Benzidine	12.698	184	383604	41.55	ng		99
78) Pyrene	12.810	202	1254300	38.01	ng		99
80) Butylbenzylphthalate	13.421	149	509901	34.30	ng		98
81) Benzo(a)anthracene	13.998	228	1062719	37.25	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	417961	40.91	ng		99
83) Chrysene	14.033	228	1053998	37.13	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	699728	34.37	ng	#	98
85) Di-n-octyl phthalate	14.592	149	1155623	34.22	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1216212	42.76	ng		99
88) Benzo(b)fluoranthene	15.045	252	1061217	34.91	ng		99
89) Benzo(k)fluoranthene	15.074	252	1044481	37.58	ng		99
90) Benzo(a)pyrene	15.409	252	967533	36.38	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	1000069	42.96	ng		99
92) Benzo(g,h,i)perylene	17.374	276	1026737	45.57	ng		99

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

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