Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123158.D
Acq On : 9 Feb 2021 10:11
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/10/2021 9:57:57 AM

Quant Time: Feb 09 11:38:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	194618	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	728312	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	398947	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	741075	20.00	ng		0.00
76) Chrysene-d12	14.086	240	613412	20.00	ng		0.00
86) Perylene-d12	15.574	264	538178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	996487	78.98	ng		0.00
7) Phenol-d6	6.522	99	1339296	78.32	ng		0.00
23) Nitrobenzene-d5	7.463	82	1201331	83.01	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	430355	99.37	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2213097	82.46	ng		0.00
79) Terphenyl-d14	13.027	244	2769078	88.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	232785	37.08	ng		97
3) Pyridine	3.428	79	620191	36.94	ng		96
4) n-Nitrosodimethylamine	3.387	42	258129	36.54	ng		90
6) Aniline	6.557	93	806366	38.31	ng		97
8) 2-Chlorophenol	6.681	128	551588	40.33	ng		99
9) Benzaldehyde	6.445	77	335178	42.87	ng		99
10) Phenol	6.539	94	705753	41.61	ng		91
11) bis(2-Chloroethyl)ether	6.634	93	538680	38.17	ng		99
12) 1,3-Dichlorobenzene	6.839	146	641360	40.21	ng		99
13) 1,4-Dichlorobenzene	6.916	146	645157	38.84	ng		99
14) 1,2-Dichlorobenzene	7.069	146	595951	38.35	ng		98
15) Benzyl Alcohol	7.039	79	453634	37.84	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	765809	35.19	ng		99
17) 2-Methylphenol	7.145	107	451825	38.83	ng		98
18) Hexachloroethane	7.410	117	237040	40.74	ng		97
19) n-Nitroso-di-n-propyla...	7.310	70	397070	38.61	ng		96
20) 3+4-Methylphenols	7.298	107	556324	40.59	ng	#	87
22) Acetophenone	7.310	105	746018	39.31	ng		95
24) Nitrobenzene	7.481	77	598524	40.14	ng		99
25) Isophorone	7.716	82	1048650	39.56	ng		98
26) 2-Nitrophenol	7.792	139	300217	48.69	ng		98
27) 2,4-Dimethylphenol	7.828	122	399849	35.94	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	712465	39.39	ng		99
29) 2,4-Dichlorophenol	8.039	162	485885	41.76	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	547576	41.78	ng		99
31) Naphthalene	8.204	128	1595818	39.95	ng		99
32) Benzoic acid	7.957	122	332424m	38.21	ng		
33) 4-Chloroaniline	8.245	127	704635	39.74	ng		96
34) Hexachlorobutadiene	8.322	225	334697	44.20	ng		99
35) Caprolactam	8.633	113	165203	42.01	ng		99
36) 4-Chloro-3-methylphenol	8.728	107	526801	43.55	ng		94
37) 2-Methylnaphthalene	8.898	142	1077270	40.62	ng		98
38) 1-Methylnaphthalene	8.992	142	1026473	40.88	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	525023	42.30	ng		100
41) Hexachlorocyclopentadiene	9.051	237	239864	40.71	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	365917	43.01	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	387200	43.52	ng		98
46) 1,1'-Biphenyl	9.363	154	1318331	40.29	ng		98
47) 2-Chloronaphthalene	9.386	162	1102904	40.26	ng		100
48) 2-Nitroaniline	9.480	65	363893	43.83	ng		90
49) Acenaphthylene	9.804	152	1628035	40.61	ng		99
50) Dimethylphthalate	9.663	163	1332537	42.57	ng		99
51) 2,6-Dinitrotoluene	9.722	165	293174	43.97	ng		89
52) Acenaphthene	9.975	154	1079304	41.91	ng		98
53) 3-Nitroaniline	9.892	138	338458	42.93	ng		90
54) 2,4-Dinitrophenol	9.998	184	147882	51.20	ng		94
55) Dibenzofuran	10.145	168	1467959	39.17	ng		98
56) 4-Nitrophenol	10.045	139	234867	41.21	ng		87
57) 2,4-Dinitrotoluene	10.127	165	398207	45.92	ng		96
58) Fluorene	10.492	166	1151548	38.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	350525	46.45	ng		98
60) Diethylphthalate	10.363	149	1286708	41.81	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	591189	42.03	ng		98
62) 4-Nitroaniline	10.510	138	337608	42.62	ng		99
63) Azobenzene	10.645	77	1171886	38.91	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	196276	47.99	ng		95
66) n-Nitrosodiphenylamine	10.604	169	1040422	38.95	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	402260	42.62	ng		95
68) Hexachlorobenzene	11.045	284	444247	43.88	ng		97
69) Atrazine	11.127	200	311455	42.22	ng		100
70) Pentachlorophenol	11.233	266	251284	45.80	ng		98
71) Phenanthrene	11.457	178	1770772	38.47	ng		100
72) Anthracene	11.510	178	1756668	39.79	ng		100
73) Carbazole	11.663	167	1610933	39.31	ng		100
74) Di-n-butylphthalate	11.992	149	1982105	40.80	ng		100
75) Fluoranthene	12.651	202	1869993	40.65	ng		100
77) Benzidine	12.768	184	654938	47.18	ng		100
78) Pyrene	12.880	202	1893563	40.89	ng		99
80) Butylbenzylphthalate	13.498	149	858795	43.10	ng		99
81) Benzo(a)anthracene	14.074	228	1715548	41.32	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	582032	44.55	ng		99
83) Chrysene	14.115	228	1681291	40.46	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	1114387	42.09	ng	#	97
85) Di-n-octyl phthalate	14.680	149	1814496	40.81	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	1432662	39.98	ng		99
88) Benzo(b)fluoranthene	15.139	252	1579945	40.67	ng		99
89) Benzo(k)fluoranthene	15.168	252	1565982	43.38	ng		99
90) Benzo(a)pyrene	15.515	252	1427872	41.85	ng		99
91) Dibenzo(a,h)anthracene	17.103	278	1183446	40.12	ng		100
92) Benzo(g,h,i)perylene	17.539	276	1109269	38.80	ng		99

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

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