Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123784.D
Acq On : 3 May 2021 17:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2021 2:57:42 PM

Quant Time: May 03 18:01:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	254738	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	899025	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	442921	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	829920	20.00	ng		0.00
76) Chrysene-d12	13.980	240	568334	20.00	ng		0.00
86) Perylene-d12	15.433	264	434937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1237426	76.96	ng		0.00
7) Phenol-d6	6.451	99	1694969	76.52	ng		0.00
23) Nitrobenzene-d5	7.375	82	1589130	79.79	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	433553	78.63	ng		0.00
45) 2-Fluorobiphenyl	9.174	172	2308425	75.90	ng		0.00
79) Terphenyl-d14	12.927	244	2445722	82.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	341236	39.40	ng		97
3) Pyridine	3.245	79	836898	39.53	ng		94
4) n-Nitrosodimethylamine	3.204	42	474798	40.72	ng		99
6) Aniline	6.475	93	981072	38.30	ng		99
8) 2-Chlorophenol	6.598	128	656376	37.95	ng		99
9) Benzaldehyde	6.357	77	429372	40.05	ng		99
10) Phenol	6.463	94	904197	38.00	ng		83
11) bis(2-Chloroethyl)ether	6.545	93	660917	38.04	ng		98
12) 1,3-Dichlorobenzene	6.751	146	669296	38.30	ng		97
13) 1,4-Dichlorobenzene	6.828	146	685970	38.80	ng		97
14) 1,2-Dichlorobenzene	6.980	146	635533	37.02	ng		98
15) Benzyl Alcohol	6.951	79	691646	39.83	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	1442167	39.03	ng		100
17) 2-Methylphenol	7.069	107	563485	38.23	ng		99
18) Hexachloroethane	7.322	117	272038	38.87	ng		97
19) n-Nitroso-di-n-propyla...	7.228	70	513966	37.58	ng		97
20) 3+4-Methylphenols	7.222	107	690290	36.80	ng	#	82
22) Acetophenone	7.222	105	963815	39.44	ng	#	91
24) Nitrobenzene	7.392	77	835698	40.29	ng		96
25) Isophorone	7.633	82	1451554	38.87	ng		100
26) 2-Nitrophenol	7.710	139	343837	40.61	ng		97
27) 2,4-Dimethylphenol	7.751	122	526290	39.58	ng		95
28) bis(2-Chloroethoxy)met...	7.845	93	744327	39.12	ng		99
29) 2,4-Dichlorophenol	7.957	162	521545	39.79	ng		96
30) 1,2,4-Trichlorobenzene	8.039	180	538066	39.18	ng		97
31) Naphthalene	8.116	128	1817412	39.26	ng		99
32) Benzoic acid	7.880	122	309040m	35.43	ng		
33) 4-Chloroaniline	8.169	127	771459	39.93	ng		94
34) Hexachlorobutadiene	8.239	225	335917	40.13	ng		98
35) Caprolactam	8.539	113	180507	39.23	ng		96
36) 4-Chloro-3-methylphenol	8.651	107	645749	39.49	ng		96
37) 2-Methylnaphthalene	8.810	142	1188331	39.39	ng		97
38) 1-Methylnaphthalene	8.910	142	1109521	39.13	ng		100
40) 1,2,4,5-Tetrachloroben...	8.974	216	514744	39.49	ng		97
41) Hexachlorocyclopentadiene	8.963	237	211948	39.07	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	355090	39.55	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	381344	39.59	ng		98
46) 1,1'-Biphenyl	9.274	154	1380409	38.04	ng		98
47) 2-Chloronaphthalene	9.298	162	1055786	38.59	ng		98
48) 2-Nitroaniline	9.392	65	481246	39.93	ng		93
49) Acenaphthylene	9.710	152	1714164	38.81	ng		99
50) Dimethylphthalate	9.574	163	1177446	37.74	ng		100
51) 2,6-Dinitrotoluene	9.633	165	280601	38.91	ng		98
52) Acenaphthene	9.886	154	1052990	39.13	ng		99
53) 3-Nitroaniline	9.804	138	326978	37.96	ng		94
54) 2,4-Dinitrophenol	9.910	184	147018	38.38	ng		95
55) Dibenzofuran	10.057	168	1562423	38.39	ng		100
56) 4-Nitrophenol	9.974	139	249584	39.78	ng		93
57) 2,4-Dinitrotoluene	10.039	165	384735	39.13	ng		96
58) Fluorene	10.398	166	1188092	37.99	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	296062	38.82	ng		98
60) Diethylphthalate	10.274	149	1258744	37.91	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	543817	37.31	ng		96
62) 4-Nitroaniline	10.421	138	331989	38.89	ng		97
63) Azobenzene	10.551	77	1440721	37.74	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	220868	42.95	ng	#	74
66) n-Nitrosodiphenylamine	10.510	169	1066154	39.27	ng		98
67) 4-Bromophenyl-phenylether	10.880	248	343012	39.25	ng		95
68) Hexachlorobenzene	10.945	284	389831	39.19	ng		98
69) Atrazine	11.039	200	312515	38.08	ng		99
70) Pentachlorophenol	11.145	266	212212	41.86	ng		95
71) Phenanthrene	11.363	178	1695587	38.95	ng		100
72) Anthracene	11.416	178	1695091	39.16	ng		100
73) Carbazole	11.568	167	1714132	39.18	ng		99
74) Di-n-butylphthalate	11.898	149	1876816	38.21	ng		99
75) Fluoranthene	12.551	202	1841385	38.78	ng		98
77) Benzidine	12.668	184	566581	38.50	ng		99
78) Pyrene	12.780	202	1857471	42.11	ng		98
80) Butylbenzylphthalate	13.398	149	752031	39.90	ng		99
81) Benzo(a)anthracene	13.968	228	1362217	39.55	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	457683	43.27	ng		100
83) Chrysene	14.004	228	1373206	39.63	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	886939	37.88	ng		100
85) Di-n-octyl phthalate	14.574	149	1343447	35.89	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1094430	43.21	ng		99
88) Benzo(b)fluoranthene	15.009	252	1161302	39.62	ng		99
89) Benzo(k)fluoranthene	15.039	252	1036274	37.05	ng		99
90) Benzo(a)pyrene	15.374	252	990119	39.50	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	924151	43.21	ng		99
92) Benzo(g,h,i)perylene	17.315	276	958157	44.73	ng		97

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

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