Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122376.D
Acq On : 19 Nov 2020 12:32
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:00 AM

Quant Time: Nov 19 13:59:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	256958	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	926783	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	503353	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	934023	20.00	ng		0.00
76) Chrysene-d12	14.033	240	756745	20.00	ng		0.00
86) Perylene-d12	15.498	264	654356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1309517	78.25	ng		0.00
7) Phenol-d6	6.492	99	1704337	77.85	ng		0.00
23) Nitrobenzene-d5	7.434	82	1367418	90.33	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	498783	92.33	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2432306	75.50	ng		0.00
79) Terphenyl-d14	12.980	244	2885910	80.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	297273	38.74	ng		89
3) Pyridine	3.393	79	815185	38.62	ng		90
4) n-Nitrosodimethylamine	3.346	42	342119	34.38	ng		88
6) Aniline	6.528	93	1117102	38.89	ng		96
8) 2-Chlorophenol	6.651	128	689680	39.74	ng		92
9) Benzaldehyde	6.416	77	454737	38.91	ng		97
10) Phenol	6.504	94	831403m	38.56	ng		
11) bis(2-Chloroethyl)ether	6.604	93	645048	37.64	ng		92
12) 1,3-Dichlorobenzene	6.810	146	762118	38.68	ng		96
13) 1,4-Dichlorobenzene	6.887	146	765306	38.67	ng		97
14) 1,2-Dichlorobenzene	7.039	146	720480	39.01	ng		100
15) Benzyl Alcohol	7.004	79	609871	39.18	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	889185	35.60	ng		97
17) 2-Methylphenol	7.116	107	573090	39.57	ng		98
18) Hexachloroethane	7.387	117	264945	38.44	ng	#	90
19) n-Nitroso-di-n-propyla...	7.287	70	474289	36.25	ng		90
20) 3+4-Methylphenols	7.269	107	700494	39.30	ng	#	76
22) Acetophenone	7.281	105	904243	37.46	ng	#	82
24) Nitrobenzene	7.451	77	731354	42.22	ng		94
25) Isophorone	7.692	82	1266380	37.52	ng		96
26) 2-Nitrophenol	7.763	139	351621	46.94	ng		96
27) 2,4-Dimethylphenol	7.798	122	605125	38.01	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	781799	37.87	ng		99
29) 2,4-Dichlorophenol	8.004	162	590218	41.88	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	624327	40.14	ng		95
31) Naphthalene	8.175	128	1919366	38.95	ng		99
32) Benzoic acid	7.910	122	375268	43.48	ng		98
33) 4-Chloroaniline	8.222	127	846631	39.45	ng		95
34) Hexachlorobutadiene	8.292	225	358206	40.07	ng		100
35) Caprolactam	8.592	113	193068	43.22	ng	#	84
36) 4-Chloro-3-methylphenol	8.698	107	602615	41.00	ng		93
37) 2-Methylnaphthalene	8.863	142	1283654	39.43	ng		99
38) 1-Methylnaphthalene	8.963	142	1200547	39.40	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	605621	39.05	ng		99
41) Hexachlorocyclopentadiene	9.022	237	371797	41.00	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	418132	41.51	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	451686	42.77	ng		96
46) 1,1'-Biphenyl	9.328	154	1537906	38.38	ng		99
47) 2-Chloronaphthalene	9.357	162	1217745	38.29	ng		97
48) 2-Nitroaniline	9.445	65	379396	40.91	ng		95
49) Acenaphthylene	9.769	152	1897660	38.83	ng		99
50) Dimethylphthalate	9.633	163	1410180	39.41	ng		99
51) 2,6-Dinitrotoluene	9.686	165	333547	42.38	ng		90
52) Acenaphthene	9.945	154	1199614	39.65	ng		100
53) 3-Nitroaniline	9.857	138	367710	41.10	ng		97
54) 2,4-Dinitrophenol	9.957	184	134614	53.10	ng	#	84
55) Dibenzofuran	10.116	168	1721497	38.84	ng		97
56) 4-Nitrophenol	10.004	139	305612	41.92	ng		93
57) 2,4-Dinitrotoluene	10.092	165	447272	44.91	ng	#	81
58) Fluorene	10.457	166	1314522	38.73	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	379579	43.22	ng		97
60) Diethylphthalate	10.328	149	1351931	38.52	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	637099	39.76	ng		96
62) 4-Nitroaniline	10.469	138	371947	42.35	ng		99
63) Azobenzene	10.610	77	1351207	36.70	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	203005	49.88	ng		93
66) n-Nitrosodiphenylamine	10.569	169	1203352	37.81	ng		95
67) 4-Bromophenyl-phenylether	10.939	248	434301	39.57	ng		96
68) Hexachlorobenzene	11.004	284	474614	40.02	ng		95
69) Atrazine	11.092	200	318131	40.14	ng		96
70) Pentachlorophenol	11.192	266	301411	44.12	ng		98
71) Phenanthrene	11.416	178	2000960	37.76	ng		98
72) Anthracene	11.469	178	2074228	37.98	ng		99
73) Carbazole	11.622	167	1883167	37.90	ng		100
74) Di-n-butylphthalate	11.957	149	2025856	38.25	ng		99
75) Fluoranthene	12.604	202	2136436	38.62	ng		99
77) Benzidine	12.721	184	789131	37.60	ng		99
78) Pyrene	12.833	202	2172853	40.87	ng		99
80) Butylbenzylphthalate	13.451	149	858198	40.78	ng		97
81) Benzo(a)anthracene	14.021	228	1832367	38.93	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	717324	40.90	ng		99
83) Chrysene	14.057	228	1849676	39.02	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	1082788	42.24	ng		98
85) Di-n-octyl phthalate	14.627	149	1818725	41.86	ng		97
87) Indeno(1,2,3-cd)pyrene	16.962	276	1523212	38.79	ng		99
88) Benzo(b)fluoranthene	15.074	252	1748892	41.27	ng		98
89) Benzo(k)fluoranthene	15.104	252	1600533	38.73	ng		99
90) Benzo(a)pyrene	15.439	252	1467435	39.72	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	1260722	38.34	ng		99
92) Benzo(g,h,i)perylene	17.404	276	1253682	39.20	ng		98

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

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