Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121495.D
Acq On : 1 Sep 2020 14:12
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 01 17:07:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	415370	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1591972	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	864244	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1627085	20.00	ng		0.00
76) Chrysene-d12	14.03	240	1188049	20.00	ng		0.00
86) Perylene-d12	15.50	264	1151703	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1753454	70.82	ng		0.00
7) Phenol-d6	6.49	99	2451248	70.85	ng		0.00
23) Nitrobenzene-d5	7.43	82	2051358	88.09	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	820019	93.94	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3666295	68.45	ng		0.00
79) Terphenyl-d14	12.98	244	4122744	73.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	408827	34.626	ng		98
3) Pyridine	3.38	79	1144505	35.596	ng		97
4) n-Nitrosodimethylamine	3.35	42	469873	33.061	ng		86
6) Aniline	6.52	93	1516077	36.932	ng		99
8) 2-Chlorophenol	6.65	128	960304	38.218	ng		96
9) Benzaldehyde	6.40	77	639079	35.987	ng		100
10) Phenol	6.50	94	1263203	37.323	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	999936	36.364	ng		95
12) 1,3-Dichlorobenzene	6.80	146	1085165	35.868	ng		99
13) 1,4-Dichlorobenzene	6.87	146	1089487	35.933	ng		98
14) 1,2-Dichlorobenzene	7.03	146	1005863	35.629	ng		99
15) Benzyl Alcohol	7.00	79	853691	37.594	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1515515	37.202	ng		99
17) 2-Methylphenol	7.11	107	816352	37.341	ng		99
18) Hexachloroethane	7.37	117	414919	39.986	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	726627	37.581	ng		96
20) 3+4-Methylphenols	7.26	107	948332	35.845	ng	#	86
22) Acetophenone	7.27	105	1320669	33.658	ng	#	97
24) Nitrobenzene	7.45	77	1043910	44.723	ng		93
25) Isophorone	7.69	82	1945179	37.139	ng		99
26) 2-Nitrophenol	7.76	139	502432	50.436	ng		97
27) 2,4-Dimethylphenol	7.79	122	815214	37.528	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	1337919	37.566	ng		100
29) 2,4-Dichlorophenol	8.00	162	861042	40.144	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	956317	36.396	ng		99
31) Naphthalene	8.17	128	2772870	35.084	ng		99
32) Benzoic acid	7.93	122	709318	50.739	ng		99
33) 4-Chloroaniline	8.22	127	1283917	36.473	ng		99
34) Hexachlorobutadiene	8.28	225	580979	37.181	ng		99
35) Caprolactam	8.60	113	289353	41.362	ng		88
36) 4-Chloro-3-methylphenol	8.70	107	878898	38.864	ng		99
37) 2-Methylnaphthalene	8.86	142	1915344	36.577	ng		99
38) 1-Methylnaphthalene	8.96	142	1794690	36.296	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	906662	35.390	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	486086	45.119	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	661398	40.846	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	671886	41.961	ng		98
46) 1,1'-Biphenyl	9.32	154	2273010	34.854	ng		98
47) 2-Chloronaphthalene	9.35	162	1861947	34.735	ng		99
48) 2-Nitroaniline	9.45	65	605090	41.295	ng		89
49) Acenaphthylene	9.76	152	2821992	35.097	ng		99
50) Dimethylphthalate	9.63	163	2266358	38.176	ng		99
51) 2,6-Dinitrotoluene	9.69	165	484311	44.127	ng		97
52) Acenaphthene	9.94	154	1823755	35.921	ng		99
53) 3-Nitroaniline	9.86	138	580623	41.759	ng	#	96
54) 2,4-Dinitrophenol	9.96	184	213009	56.168	ng		91
55) Dibenzofuran	10.11	168	2557398	34.676	ng		98
56) 4-Nitrophenol	10.01	139	426839	41.438	ng		94
57) 2,4-Dinitrotoluene	10.09	165	625483	46.020	ng		91
58) Fluorene	10.45	166	1892234	34.035	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	591326	44.357	ng		99
60) Diethylphthalate	10.33	149	2258589	37.868	ng		98
61) 4-Chlorophenyl-phenylether	10.45	204	1007881	36.182	ng		95
62) 4-Nitroaniline	10.47	138	587006	41.176	ng		95
63) Azobenzene	10.60	77	2119357	35.932	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	284715	55.200	ng		99
66) n-Nitrosodiphenylamine	10.56	169	1842684	35.807	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	680634	38.025	ng		98
68) Hexachlorobenzene	11.00	284	800473	38.243	ng		98
69) Atrazine	11.09	200	596080	39.940	ng		100
70) Pentachlorophenol	11.19	266	455029	47.585	ng		97
71) Phenanthrene	11.42	178	2801357	33.550	ng		99
72) Anthracene	11.47	178	2831546	34.479	ng		100
73) Carbazole	11.62	167	2705822	34.168	ng		100
74) Di-n-butylphthalate	11.95	149	3396753	38.610	ng		99
75) Fluoranthene	12.60	202	3062072	34.027	ng		99
77) Benzidine	12.72	184	1096467	42.317	ng		99
78) Pyrene	12.83	202	3109216	36.645	ng		99
80) Butylbenzylphthalate	13.45	149	1516355	46.389	ng		94
81) Benzo(a)anthracene	14.02	228	2522661	34.784	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	1040270	39.161	ng		99
83) Chrysene	14.06	228	2537424	34.971	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1909541	45.231	ng	#	98
85) Di-n-octyl phthalate	14.63	149	3344192	46.741	ng		99
87) Indeno(1,2,3-cd)pyrene	16.97	276	2365189	33.377	ng		100
88) Benzo(b)fluoranthene	15.07	252	2598241	34.681	ng		99
89) Benzo(k)fluoranthene	15.10	252	2470803	35.458	ng		99
90) Benzo(a)pyrene	15.44	252	2327052	34.543	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	1941627	33.473	ng		99
92) Benzo(g,h,i)perylene	17.42	276	1834625	32.833	ng		99

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

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