Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121368.D
Acq On : 21 Aug 2020 15:18
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:06 PM

Quant Time: Aug 21 17:04:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	162698	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	594449	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	314038	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	603679	20.00	ng		0.00
76) Chrysene-d12	13.86	240	469157	20.00	ng		0.01
86) Perylene-d12	15.26	264	485159	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	735102	74.09	ng		0.00
7) Phenol-d6	6.35	99	907973	71.68	ng		0.00
23) Nitrobenzene-d5	7.27	82	844403	80.34	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	270240	73.85	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1403761	85.96	ng		0.00
79) Terphenyl-d14	12.80	244	1588216	66.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	168393	37.504	ng		99
3) Pyridine	3.02	79	454686	37.731	ng		100
4) n-Nitrosodimethylamine	2.99	42	186019	37.925	ng		100
6) Aniline	6.36	93	513174	35.086	ng	#	85
8) 2-Chlorophenol	6.49	128	385352	37.159	ng		99
9) Benzaldehyde	6.25	77	280452	39.357	ng		95
10) Phenol	6.36	94	450167	33.895	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	376517	36.809	ng		98
12) 1,3-Dichlorobenzene	6.64	146	426219	36.684	ng		98
13) 1,4-Dichlorobenzene	6.72	146	432826	36.902	ng		99
14) 1,2-Dichlorobenzene	6.87	146	387326	34.676	ng		98
15) Benzyl Alcohol	6.85	79	278421	36.532	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	547639	36.361	ng		96
17) 2-Methylphenol	6.96	107	307558	35.943	ng		98
18) Hexachloroethane	7.20	117	160796	36.818	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	241353	35.429	ng		99
20) 3+4-Methylphenols	7.12	107	354815	41.191	ng		91
22) Acetophenone	7.11	105	506386	36.437	ng	#	97
24) Nitrobenzene	7.29	77	394929	36.866	ng		98
25) Isophorone	7.53	82	702642	36.734	ng		98
26) 2-Nitrophenol	7.60	139	212056	38.597	ng		94
27) 2,4-Dimethylphenol	7.65	122	291355	37.164	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	480191	36.878	ng		98
29) 2,4-Dichlorophenol	7.85	162	322543	37.684	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	360869	36.869	ng		99
31) Naphthalene	8.00	128	1073012	36.268	ng		99
32) Benzoic acid	7.79	122	231625	39.292	ng		97
33) 4-Chloroaniline	8.06	127	474000	36.181	ng		99
34) Hexachlorobutadiene	8.12	225	211939	36.589	ng		97
35) Caprolactam	8.44	113	108427m	38.679	ng		
36) 4-Chloro-3-methylphenol	8.55	107	327160	37.792	ng		96
37) 2-Methylnaphthalene	8.69	142	705242	36.778	ng		100
38) 1-Methylnaphthalene	8.79	142	666094	36.532	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	342075	36.701	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	111443	34.037 ng	99
43) 2,4,6-Trichlorophenol	8.97	196	238828	37.481 ng	99
44) 2,4,5-Trichlorophenol	9.02	196	246495	37.600 ng	97
46) 1,1'-Biphenyl	9.16	154	856454	36.387 ng	99
47) 2-Chloronaphthalene	9.18	162	711010	36.666 ng	99
48) 2-Nitroaniline	9.28	65	230095	37.686 ng	98
49) Acenaphthylene	9.59	152	1053608	36.580 ng	99
50) Dimethylphthalate	9.46	163	847424	37.091 ng	99
51) 2,6-Dinitrotoluene	9.53	165	183397	37.586 ng	99
52) Acenaphthene	9.77	154	628946	35.938 ng	98
53) 3-Nitroaniline	9.70	138	226561	37.118 ng	99
54) 2,4-Dinitrophenol	9.81	184	94883	40.336 ng	93
55) Dibenzofuran	9.94	168	904532	39.880 ng	99
56) 4-Nitrophenol	9.87	139	140774	37.396 ng	99
57) 2,4-Dinitrotoluene	9.93	165	222207	37.330 ng	93
58) Fluorene	10.28	166	699617	42.197 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	208633	37.229 ng	99
60) Diethylphthalate	10.16	149	828432	37.133 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	355067	42.584 ng	97
62) 4-Nitroaniline	10.31	138	238674	38.162 ng	100
63) Azobenzene	10.43	77	755162	36.443 ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	131320	40.676 ng	97
66) n-Nitrosodiphenylamine	10.39	169	680668	36.554 ng	99
67) 4-Bromophenyl-phenylether	10.76	248	247282	36.928 ng	99
68) Hexachlorobenzene	10.83	284	280537	36.344 ng	99
69) Atrazine	10.93	200	214177	37.130 ng	99
70) Pentachlorophenol	11.03	266	129868	37.815 ng	97
71) Phenanthrene	11.24	178	1105708	35.390 ng	100
72) Anthracene	11.29	178	1092105	36.298 ng	100
73) Carbazole	11.45	167	1058209	36.854 ng	99
74) Di-n-butylphthalate	11.78	149	1307470	37.761 ng	100
75) Fluoranthene	12.43	202	1202818	35.469 ng	98
77) Benzidine	12.55	184	473581	36.639 ng	99
78) Pyrene	12.66	202	1235663	35.063 ng	99
80) Butylbenzylphthalate	13.27	149	578769	38.220 ng	99
81) Benzo(a)anthracene	13.84	228	1000452	34.333 ng	98
82) 3,3'-Dichlorobenzidine	13.81	252	426993	38.165 ng	99
83) Chrysene	13.88	228	1063326	35.679 ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	704509	39.561 ng	99
85) Di-n-octyl phthalate	14.44	149	1351155	40.998 ng	100
87) Indeno(1,2,3-cd)pyrene	16.63	276	1104592	37.298 ng	99
88) Benzo(b)fluoranthene	14.87	252	1112640	35.499 ng	99
89) Benzo(k)fluoranthene	14.90	252	973069	35.268 ng	99
90) Benzo(a)pyrene	15.21	252	975467	36.019 ng	99
91) Dibenzo(a,h)anthracene	16.64	278	885584	36.471 ng	100
92) Benzo(g,h,i)perylene	17.04	276	899483	37.891 ng	100

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

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