Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120677.D
Acq On : 22 Jun 2020 14:47
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/23/2020 2:03:38 PM

Quant Time: Jun 22 17:53:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148910	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	534468	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	288989	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	614087	20.00	ng		0.00
76) Chrysene-d12	13.97	240	494815	20.00	ng		0.00
86) Perylene-d12	15.41	264	599710	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	639347	73.61	ng		0.00
7) Phenol-d6	6.44	99	855141	79.05	ng		0.00
23) Nitrobenzene-d5	7.37	82	774585	81.01	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	292673	87.11	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1516805	80.30	ng		0.00
79) Terphenyl-d14	12.91	244	1878561	83.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	153683	37.333	ng		99
3) Pyridine	3.22	79	403487	34.867	ng		97
4) n-Nitrosodimethylamine	3.18	42	167292	34.834	ng		99
6) Aniline	6.46	93	499751	36.098	ng		99
8) 2-Chlorophenol	6.59	128	381024	38.821	ng		100
9) Benzaldehyde	6.35	77	248273	36.285	ng		99
10) Phenol	6.45	94	444113	38.478	ng		93
11) bis(2-Chloroethyl)ether	6.54	93	373825	38.884	ng		100
12) 1,3-Dichlorobenzene	6.74	146	424438	40.677	ng		97
13) 1,4-Dichlorobenzene	6.82	146	411290	39.950	ng		98
14) 1,2-Dichlorobenzene	6.97	146	423192	42.199	ng		97
15) Benzyl Alcohol	6.95	79	308554	40.220	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	629130	45.449	ng		97
17) 2-Methylphenol	7.06	107	391624	46.782	ng		98
18) Hexachloroethane	7.31	117	151934	40.051	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	261460	41.667	ng		100
20) 3+4-Methylphenols	7.21	107	403837	38.605	ng		94
22) Acetophenone	7.21	105	487747	40.819	ng	#	96
24) Nitrobenzene	7.39	77	404039	40.379	ng		99
25) Isophorone	7.62	82	802408	43.081	ng		98
26) 2-Nitrophenol	7.70	139	229419	43.339	ng		97
27) 2,4-Dimethylphenol	7.74	122	327949	42.076	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	484359	44.861	ng		99
29) 2,4-Dichlorophenol	7.95	162	378467	47.770	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	369130	42.042	ng		99
31) Naphthalene	8.10	128	1095371	41.738	ng		99
32) Benzoic acid	7.87	122	264496	44.229	ng		98
33) 4-Chloroaniline	8.16	127	523711	43.476	ng		99
34) Hexachlorobutadiene	8.22	225	216074	42.219	ng		98
35) Caprolactam	8.53	113	118715m	46.850	ng		
36) 4-Chloro-3-methylphenol	8.64	107	351316	44.384	ng		98
37) 2-Methylnaphthalene	8.80	142	723609	42.236	ng		100
38) 1-Methylnaphthalene	8.89	142	692086	42.930	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	360985	41.834	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	180483	37.325 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	263363	43.026 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	313322	45.118 ng	99
46) 1,1'-Biphenyl	9.26	154	940119	43.566 ng	98
47) 2-Chloronaphthalene	9.29	162	735509	41.681 ng	100
48) 2-Nitroaniline	9.38	65	240886	43.465 ng	97
49) Acenaphthylene	9.70	152	1127177	41.390 ng	99
50) Dimethylphthalate	9.56	163	932409	44.799 ng	100
51) 2,6-Dinitrotoluene	9.63	165	214909	45.562 ng	90
52) Acenaphthene	9.87	154	703757	43.329 ng	99
53) 3-Nitroaniline	9.80	138	244348	43.130 ng	97
54) 2,4-Dinitrophenol	9.90	184	100602	38.027 ng	98
55) Dibenzofuran	10.05	168	1046996	42.041 ng	98
56) 4-Nitrophenol	9.96	139	166052	38.917 ng	92
57) 2,4-Dinitrotoluene	10.03	165	269685	43.088 ng	98
58) Fluorene	10.39	166	790089	41.154 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	238074	43.576 ng	99
60) Diethylphthalate	10.26	149	890170	43.426 ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	422968	42.662 ng	95
62) 4-Nitroaniline	10.41	138	238826	42.463 ng	99
63) Azobenzene	10.54	77	779962	41.917 ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	146405	39.733 ng	99
66) n-Nitrosodiphenylamine	10.50	169	783110	41.526 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	296640	42.563 ng	98
68) Hexachlorobenzene	10.94	284	336776	44.944 ng	93
69) Atrazine	11.03	200	232786	39.890 ng	99
70) Pentachlorophenol	11.13	266	172765	41.471 ng	97
71) Phenanthrene	11.35	178	1248161	40.888 ng	100
72) Anthracene	11.40	178	1255012	40.787 ng	100
73) Carbazole	11.56	167	1279104	41.995 ng	99
74) Di-n-butylphthalate	11.89	149	1348662	39.385 ng	100
75) Fluoranthene	12.54	202	1357970	38.909 ng	98
77) Benzidine	12.66	184	640988	38.304 ng	99
78) Pyrene	12.77	202	1433371	40.891 ng	100
80) Butylbenzylphthalate	13.39	149	653041	41.955 ng	94
81) Benzo(a)anthracene	13.96	228	1248117	41.984 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	499924	44.026 ng	100
83) Chrysene	14.00	228	1251657	41.046 ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	882193	46.441 ng	100
85) Di-n-octyl phthalate	14.56	149	1557843	42.971 ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1648027	45.177 ng	99
88) Benzo(b)fluoranthene	15.00	252	1550844	43.413 ng	99
89) Benzo(k)fluoranthene	15.03	252	1320789	41.783 ng	99
90) Benzo(a)pyrene	15.36	252	1281693	40.089 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1303451	44.558 ng	99
92) Benzo(g,h,i)perylene	17.29	276	1281140	43.449 ng	99

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

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