Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120660.D
Acq On : 19 Jun 2020 12:51
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/22/2020 3:24:46 PM

Quant Time: Jun 19 14:39:23 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	103926	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	386311	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	270351	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	512526	20.00	ng		0.00
76) Chrysene-d12	13.97	240	254339	20.00	ng		0.00
86) Perylene-d12	15.41	264	289894	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	618132	101.97	ng		0.00
7) Phenol-d6	6.44	99	647215	85.72	ng		0.00
23) Nitrobenzene-d5	7.36	82	563984	81.60	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	219191	69.73	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1161978	65.76	ng		0.00
79) Terphenyl-d14	12.91	244	1388875	120.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	112130	39.029	ng		97
3) Pyridine	3.22	79	285177	35.310	ng		99
4) n-Nitrosodimethylamine	3.17	42	129112	38.521	ng		98
6) Aniline	6.46	93	402276	41.634	ng		99
8) 2-Chlorophenol	6.59	128	272794	39.824	ng		99
9) Benzaldehyde	6.35	77	188969	39.572	ng		98
10) Phenol	6.45	94	341962	42.452	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	263661	39.296	ng		97
12) 1,3-Dichlorobenzene	6.74	146	315567	43.334	ng		97
13) 1,4-Dichlorobenzene	6.82	146	306128	42.606	ng		98
14) 1,2-Dichlorobenzene	6.97	146	287340	41.054	ng		98
15) Benzyl Alcohol	6.95	79	240186	44.860	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	400375	41.443	ng		99
17) 2-Methylphenol	7.06	107	255124	43.668	ng		99
18) Hexachloroethane	7.31	117	109270	41.272	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	185988	42.469	ng		99
20) 3+4-Methylphenols	7.21	107	296094	40.558	ng		93
22) Acetophenone	7.21	105	353173	40.892	ng	#	96
24) Nitrobenzene	7.39	77	298294	41.245	ng		99
25) Isophorone	7.62	82	550857	40.918	ng		97
26) 2-Nitrophenol	7.70	139	155155	40.551	ng		98
27) 2,4-Dimethylphenol	7.74	122	234706	41.662	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	330712	42.378	ng		100
29) 2,4-Dichlorophenol	7.94	162	249207	43.518	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	267328	42.124	ng		99
31) Naphthalene	8.10	128	826505	43.571	ng		99
32) Benzoic acid	7.86	122	180155	41.679	ng		98
33) 4-Chloroaniline	8.15	127	370532	42.557	ng		97
34) Hexachlorobutadiene	8.22	225	161597	43.684	ng		99
35) Caprolactam	8.53	113	81278m	44.377	ng		
36) 4-Chloro-3-methylphenol	8.64	107	316587	55.336	ng		99
37) 2-Methylnaphthalene	8.80	142	688725	55.618	ng		98
38) 1-Methylnaphthalene	8.89	142	556811	47.786	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	283495	35.119	ng		99

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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)
41) Hexachlorocyclopentadiene	8.95	237	144529	31.950	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	191553	33.452	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	222995	34.325	ng	97
46) 1,1'-Biphenyl	9.26	154	699317	34.641	ng	98
47) 2-Chloronaphthalene	9.29	162	560273	33.940	ng	99
48) 2-Nitroaniline	9.38	65	172996	33.367	ng	98
49) Acenaphthylene	9.70	152	1055218	41.419	ng	99
50) Dimethylphthalate	9.56	163	672177	34.522	ng	100
51) 2,6-Dinitrotoluene	9.62	165	151242	34.275	ng	99
52) Acenaphthene	9.87	154	637238	41.939	ng	99
53) 3-Nitroaniline	9.79	138	221787	41.847	ng	98
54) 2,4-Dinitrophenol	9.90	184	98116	39.514	ng	94
55) Dibenzofuran	10.05	168	974129	41.812	ng	100
56) 4-Nitrophenol	9.96	139	154499	38.705	ng	96
57) 2,4-Dinitrotoluene	10.03	165	247760	42.314	ng	97
58) Fluorene	10.39	166	618703	34.448	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	202751	39.669	ng	98
60) Diethylphthalate	10.26	149	812710	42.381	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	322007	34.718	ng	99
62) 4-Nitroaniline	10.40	138	181074	34.414	ng	98
63) Azobenzene	10.54	77	588001	33.779	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	112722	36.653	ng	91
66) n-Nitrosodiphenylamine	10.50	169	568391	36.113	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	213075	36.631	ng	97
68) Hexachlorobenzene	10.93	284	226333	36.191	ng	97
69) Atrazine	11.02	200	156551	32.143	ng	98
70) Pentachlorophenol	11.13	266	113521	32.650	ng	99
71) Phenanthrene	11.35	178	946022	37.132	ng	99
72) Anthracene	11.40	178	952635	37.095	ng	99
73) Carbazole	11.56	167	921024	36.230	ng	99
74) Di-n-butylphthalate	11.89	149	1322611	46.278	ng	99
75) Fluoranthene	12.54	202	1269899	43.595	ng	97
77) Benzidine	12.66	184	621748	72.283	ng	99
78) Pyrene	12.77	202	1302335	72.280	ng	99
80) Butylbenzylphthalate	13.39	149	328192	41.021	ng	94
81) Benzo(a)anthracene	13.96	228	670942	43.908	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	251712	43.126	ng	98
83) Chrysene	14.00	228	667044	42.557	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	459562	47.066	ng	99
85) Di-n-octyl phthalate	14.56	149	811617	43.554	ng	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	803364	45.558	ng	98
88) Benzo(b)fluoranthene	15.00	252	711820	41.221	ng	97
89) Benzo(k)fluoranthene	15.03	252	647535	42.378	ng	98
90) Benzo(a)pyrene	15.36	252	646269	41.818	ng	97
91) Dibenzo(a,h)anthracene	16.87	278	650702	46.017	ng	99
92) Benzo(g,h,i)perylene	17.29	276	648876	45.525	ng	97

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

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