Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117877.D
Acq On : 20 Nov 2019 2:32
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/20/2019 1:49:57 PM

Quant Time: Nov 20 03:44:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	197933	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	717817	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	368962	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	608245	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	489214	20.00	ng	0.00
87) Perylene-d12	15.62	264	401208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	875032	78.25	ng	-0.01
7) Phenol-d6	6.54	99	1089126	80.75	ng	0.00
23) Nitrobenzene-d5	7.49	82	1023838	84.79	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	283874	72.67	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2000100	97.25	ng	0.00
79) Terphenyl-d14	13.05	244	1868167	69.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	184995	35.393	ng	99
3) Pyridine	3.45	79	503129	36.695	ng	99
4) n-Nitrosodimethylamine	3.41	42	236795	39.564	ng	95
6) Aniline	6.58	93	694936	38.991	ng	100
8) 2-Chlorophenol	6.70	128	489464	40.340	ng	98
9) Benzaldehyde	6.46	77	343245	39.084	ng	98
10) Phenol	6.56	94	616348	43.977	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	432153	38.397	ng	100
12) 1,3-Dichlorobenzene	6.86	146	586787	41.078	ng	96
13) 1,4-Dichlorobenzene	6.93	146	589498	40.827	ng	98
14) 1,2-Dichlorobenzene	7.09	146	553190	40.059	ng	99
15) Benzyl Alcohol	7.06	79	420090	40.343	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622016	35.896	ng	99
17) 2-Methylphenol	7.16	107	399703	38.900	ng	98
18) Hexachloroethane	7.43	117	178199	33.596	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	324099	38.951	ng	97
20) 3+4-Methylphenols	7.32	107	502141	39.368	ng	98
22) Acetophenone	7.33	105	684299	42.431	ng	100
24) Nitrobenzene	7.50	77	519233	41.682	ng	99
25) Isophorone	7.74	82	849678	38.392	ng	97
26) 2-Nitrophenol	7.82	139	222691	36.728	ng	91
27) 2,4-Dimethylphenol	7.85	122	355003	37.680	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	553261	39.394	ng	99
29) 2,4-Dichlorophenol	8.06	162	398246	38.969	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	469657	39.620	ng	100
31) Naphthalene	8.23	128	1385669	41.408	ng	100
32) Benzoic acid	7.94	122	184848m	23.432	ng	
33) 4-Chloroaniline	8.27	127	585560	39.086	ng	98
34) Hexachlorobutadiene	8.35	225	282231	40.722	ng	99
35) Caprolactam	8.65	113	113701	35.007	ng	90
36) 4-Chloro-3-methylphenol	8.75	107	441956	42.612	ng	99
37) 2-Methylnaphthalene	8.92	142	998925	44.180	ng	99
38) 1-Methylnaphthalene	9.02	142	928248	43.425	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	462184	43.134	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	48407	8.062	ng		98
43) 2,4,6-Trichlorophenol	9.20	196	307848	40.112	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	303177	38.047	ng		99
46) 1,1'-Biphenyl	9.39	154	1210181	44.210	ng		99
47) 2-Chloronaphthalene	9.41	162	950704	42.218	ng		97
48) 2-Nitroaniline	9.50	65	298074	43.844	ng		98
49) Acenaphthylene	9.83	152	1363269	41.523	ng		99
50) Dimethylphthalate	9.69	163	1104011	42.670	ng		98
51) 2,6-Dinitrotoluene	9.75	165	217343	38.436	ng		95
52) Acenaphthene	10.00	154	796237	37.859	ng		100
53) 3-Nitroaniline	9.92	138	286602	42.358	ng		98
54) 2,4-Dinitrophenol	10.02	184	11030	10.678	ng	#	1
55) Dibenzofuran	10.17	168	1161481	39.881	ng		98
56) 4-Nitrophenol	10.06	139	171314	33.920	ng		98
57) 2,4-Dinitrotoluene	10.15	165	257938	35.859	ng		92
58) Fluorene	10.52	166	861867	38.188	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	224804	34.335	ng		98
60) Diethylphthalate	10.39	149	1028659	40.780	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	453087	39.559	ng		99
62) 4-Nitroaniline	10.53	138	275855	40.718	ng		97
63) Azobenzene	10.67	77	866112	37.741	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	21714	7.647	ng		87
66) n-Nitrosodiphenylamine	10.63	169	769474	43.469	ng		100
67) 4-Bromophenyl-phenylether	11.00	248	273533	41.679	ng		97
68) Hexachlorobenzene	11.07	284	305342	39.900	ng		98
69) Atrazine	11.15	200	202610	34.795	ng		99
70) Pentachlorophenol	11.26	266	165860	37.098	ng		99
71) Phenanthrene	11.49	178	1254079	41.009	ng		98
72) Anthracene	11.54	178	1238122	40.835	ng		98
73) Carbazole	11.69	167	1131046	42.689	ng		98
74) Di-n-butylphthalate	12.02	149	1330104	40.320	ng		99
75) Fluoranthene	12.68	202	1305712	47.267	ng		99
77) Benzidine	12.80	184	677185	42.259	ng		100
78) Pyrene	12.91	202	1353630	34.238	ng		99
80) Butylbenzylphthalate	13.52	149	633439	37.303	ng		93
81) Benzo(a)anthracene	14.10	228	1269152	39.259	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	494327	43.714	ng		99
83) Chrysene	14.14	228	1161510	37.078	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	824821	40.066	ng		99
85) Di-n-octyl phthalate	14.70	149	1425363	47.129	ng		99
86) Indeno(1,2,3-cd)pyrene	17.15	276	930205	34.890	ng		99
88) Benzo(b)fluoranthene	15.17	252	1126280	43.208	ng		99
89) Benzo(k)fluoranthene	15.20	252	1001235	40.766	ng		99
90) Benzo(a)pyrene	15.55	252	900681	39.294	ng		99
91) Dibenzo(a,h)anthracene	17.17	278	771002	39.080	ng		99
92) Benzo(g,h,i)perylene	17.61	276	724957	36.892	ng		99

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

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