Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115386.D
Acq On : 5 Jul 2019 9:46
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
7/8/2019 2:12:43 PM

Quant Time: Jul 05 12:15:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 11:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179517	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	761886	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	386005	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	763728	20.00	ng	0.00
76) Chrysene-d12	14.07	240	566019	20.00	ng	0.00
87) Perylene-d12	15.56	264	583452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	903592	77.67	ng	0.00
7) Phenol-d6	6.52	99	1158785	82.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	1009343	81.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	343022	84.27	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1809223	79.62	ng	0.00
79) Terphenyl-d14	13.00	244	2082826	78.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	218204	39.745	ng	100
3) Pyridine	3.45	79	598296	38.664	ng	100
4) n-Nitrosodimethylamine	3.40	42	248136	40.904	ng	100
6) Aniline	6.56	93	824623	42.494	ng	100
8) 2-Chlorophenol	6.68	128	520924	39.824	ng	100
9) Benzaldehyde	6.45	77	336730	36.554	ng	100
10) Phenol	6.53	94	692881m	41.893	ng	
11) bis(2-Chloroethyl)ether	6.63	93	516099	42.332	ng	100
12) 1,3-Dichlorobenzene	6.84	146	566250	39.006	ng	100
13) 1,4-Dichlorobenzene	6.92	146	562235	38.622	ng	100
14) 1,2-Dichlorobenzene	7.07	146	523200	38.810	ng	100
15) Benzyl Alcohol	7.03	79	471088	45.819	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	715037	40.437	ng	100
17) 2-Methylphenol	7.14	107	442429	40.977	ng	100
18) Hexachloroethane	7.42	117	209666	39.950	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	390040	43.148	ng	100
20) 3+4-Methylphenols	7.30	107	535413	42.946	ng	100
22) Acetophenone	7.30	105	715341	41.012	ng	100
24) Nitrobenzene	7.47	77	572143	41.932	ng	100
25) Isophorone	7.72	82	1072898	42.287	ng	100
26) 2-Nitrophenol	7.79	139	237200	35.202	ng	100
27) 2,4-Dimethylphenol	7.83	122	439753	39.859	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	662616	41.320	ng	100
29) 2,4-Dichlorophenol	8.03	162	443318	38.937	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	492022	39.123	ng	100
31) Naphthalene	8.20	128	1481040	39.601	ng	100
32) Benzoic acid	7.95	122	321604	40.838	ng	100
33) 4-Chloroaniline	8.25	127	658344	38.517	ng	100
34) Hexachlorobutadiene	8.33	225	280252	40.664	ng	100
35) Caprolactam	8.62	113	146922	38.382	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	475591	41.247	ng	100
37) 2-Methylnaphthalene	8.89	142	999810	39.649	ng	100
38) 1-Methylnaphthalene	8.99	142	949537	39.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	435919	39.964	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	250048	38.660	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	318316	37.799	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	330996	38.167	ng		100
46) 1,1'-Biphenyl	9.36	154	1184316	38.345	ng		100
47) 2-Chloronaphthalene	9.38	162	984009	39.277	ng		100
48) 2-Nitroaniline	9.47	65	300119	41.089	ng		100
49) Acenaphthylene	9.80	152	1488202	38.126	ng		100
50) Dimethylphthalate	9.66	163	1143445	40.263	ng		100
51) 2,6-Dinitrotoluene	9.71	165	252769	38.553	ng		100
52) Acenaphthene	9.97	154	944984	38.689	ng		100
53) 3-Nitroaniline	9.88	138	296942	37.113	ng		100
54) 2,4-Dinitrophenol	9.98	184	86486	29.903	ng		100
55) Dibenzofuran	10.14	168	1323709	37.759	ng		100
56) 4-Nitrophenol	10.03	139	231702	36.122	ng		100
57) 2,4-Dinitrotoluene	10.12	165	326507	38.568	ng		100
58) Fluorene	10.48	166	985982	37.788	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	292052	40.162	ng		100
60) Diethylphthalate	10.36	149	1142036	40.005	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	496816	39.928	ng		100
62) 4-Nitroaniline	10.50	138	295564	36.823	ng		100
63) Azobenzene	10.63	77	1172726	43.982	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	133181	35.016	ng		100
66) n-Nitrosodiphenylamine	10.59	169	936441	39.357	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	330270	39.886	ng		100
68) Hexachlorobenzene	11.03	284	372372	41.431	ng		100
69) Atrazine	11.12	200	302445	39.515	ng		100
70) Pentachlorophenol	11.22	266	236781	41.353	ng		100
71) Phenanthrene	11.45	178	1563833	38.031	ng		100
72) Anthracene	11.49	178	1570776	37.843	ng		100
73) Carbazole	11.65	167	1449265	39.100	ng		100
74) Di-n-butylphthalate	11.98	149	1757503	41.034	ng		100
75) Fluoranthene	12.63	202	1665799	40.602	ng		100
77) Benzidine	12.74	184	861886	34.292	ng		100
78) Pyrene	12.86	202	1683963	38.713	ng		100
80) Butylbenzylphthalate	13.47	149	755440	39.353	ng		100
81) Benzo(a)anthracene	14.06	228	1404217	34.575	ng		100
82) 3,3'-Dichlorobenzidine	14.02	252	542960	37.021	ng		100
83) Chrysene	14.10	228	1457101	39.166	ng		100
84) Bis(2-ethylhexyl)phthalate	14.05	149	907589	36.082	ng		100
85) Di-n-octyl phthalate	14.69	149	1680238	39.757	ng		100
86) Indeno(1,2,3-cd)pyrene	17.05	276	1236997	28.099	ng	#	100
88) Benzo(b)fluoranthene	15.13	252	1507322	41.403	ng		100
89) Benzo(k)fluoranthene	15.17	252	1266510	38.793	ng		100
90) Benzo(a)pyrene	15.50	252	1268634	38.663	ng		100
91) Dibenzo(a,h)anthracene	17.07	278	1024940	33.459	ng		100
92) Benzo(g,h,i)perylene	17.50	276	931759	30.053	ng		100

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

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