Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116420.D
Acq On : 20 Aug 2019 8:33
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/21/2019 3:50:50 PM

Quant Time: Aug 20 15:13:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112816	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	468935	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	249616	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	436102	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	314500	20.00	ng		-0.01
87) Perylene-d12	15.42	264	297898	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	603737	89.59	ng		0.00
7) Phenol-d6	6.46	99	721191	84.82	ng		0.00
23) Nitrobenzene-d5	7.37	82	667402	82.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	196658	81.26	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1140375	85.57	ng		-0.01
79) Terphenyl-d14	12.90	244	1286094	86.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	137605	40.419	ng		99
3) Pyridine	3.28	79	345899	36.371	ng		99
4) n-Nitrosodimethylamine	3.23	42	144021	38.374	ng		99
6) Aniline	6.47	93	478261	39.277	ng	#	76
8) 2-Chlorophenol	6.60	128	330472	44.347	ng		97
9) Benzaldehyde	6.36	77	222865	37.989	ng		99
10) Phenol	6.47	94	414731	41.421	ng		84
11) bis(2-Chloroethyl)ether	6.54	93	316666	43.017	ng		97
12) 1,3-Dichlorobenzene	6.75	146	366239	42.525	ng		99
13) 1,4-Dichlorobenzene	6.82	146	370396	42.954	ng		99
14) 1,2-Dichlorobenzene	6.97	146	341816	43.049	ng		99
15) Benzyl Alcohol	6.96	79	266049	41.232	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420742	41.903	ng		61
17) 2-Methylphenol	7.07	107	270510	42.870	ng	#	91
18) Hexachloroethane	7.31	117	135187	42.580	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	232348	44.099	ng		98
20) 3+4-Methylphenols	7.23	107	351561	47.081	ng	#	84
22) Acetophenone	7.22	105	446731	43.438	ng	#	94
24) Nitrobenzene	7.39	77	368703	42.032	ng		99
25) Isophorone	7.63	82	657288	42.313	ng		100
26) 2-Nitrophenol	7.71	139	180951	43.762	ng		96
27) 2,4-Dimethylphenol	7.75	122	258615	41.572	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	416534	43.262	ng		100
29) 2,4-Dichlorophenol	7.96	162	283093	43.099	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	312213	41.698	ng		99
31) Naphthalene	8.11	128	947003	42.915	ng		99
32) Benzoic acid	7.91	122	144240	32.887	ng		98
33) 4-Chloroaniline	8.16	127	408294	41.410	ng		98
34) Hexachlorobutadiene	8.22	225	183062	42.447	ng		100
35) Caprolactam	8.54	113	86174m	40.564	ng		
36) 4-Chloro-3-methylphenol	8.66	107	295315	43.217	ng		96
37) 2-Methylnaphthalene	8.80	142	614224	42.264	ng		99
38) 1-Methylnaphthalene	8.90	142	586227	42.638	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	286889	42.991	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	95063	35.305	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	174010	37.884	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	176932	37.264	ng	97
46) 1,1'-Biphenyl	9.26	154	757288	42.972	ng	98
47) 2-Chloronaphthalene	9.29	162	613205	41.807	ng	100
48) 2-Nitroaniline	9.39	65	200027	41.259	ng	96
49) Acenaphthylene	9.70	152	904086	42.250	ng	97
50) Dimethylphthalate	9.56	163	709170	41.726	ng	100
51) 2,6-Dinitrotoluene	9.63	165	157233	42.570	ng	95
52) Acenaphthene	9.87	154	556163	42.366	ng	99
53) 3-Nitroaniline	9.80	138	184609	40.450	ng	100
54) 2,4-Dinitrophenol	9.93	184	57127	35.252	ng	97
55) Dibenzofuran	10.05	168	776891	40.694	ng	100
56) 4-Nitrophenol	9.99	139	103540	35.415	ng	94
57) 2,4-Dinitrotoluene	10.05	165	192559	39.157	ng	92
58) Fluorene	10.39	166	649178	44.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	145712	36.477	ng	97
60) Diethylphthalate	10.26	149	681965	42.977	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	329657	44.316	ng	100
62) 4-Nitroaniline	10.42	138	178367	37.818	ng	98
63) Azobenzene	10.53	77	706395	43.281	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	96543	41.775	ng	99
66) n-Nitrosodiphenylamine	10.50	169	562957	42.888	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	200399	42.926	ng	99
68) Hexachlorobenzene	10.95	284	227461	42.135	ng	93
69) Atrazine	11.02	200	156583	36.261	ng	98
70) Pentachlorophenol	11.15	266	104636	39.924	ng	98
71) Phenanthrene	11.35	178	941917	42.249	ng	100
72) Anthracene	11.40	178	954276	42.294	ng	99
73) Carbazole	11.56	167	881764	43.075	ng	100
74) Di-n-butylphthalate	11.87	149	1093643	45.799	ng	99
75) Fluoranthene	12.54	202	1001069	42.891	ng	98
77) Benzidine	12.66	184	436119	41.046	ng	98
78) Pyrene	12.77	202	1017310	42.911	ng	100
80) Butylbenzylphthalate	13.37	149	458044	45.675	ng	96
81) Benzo(a)anthracene	13.96	228	873326	43.445	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	305654	43.767	ng	99
83) Chrysene	13.99	228	830288	42.545	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	632382	48.526	ng	97
85) Di-n-octyl phthalate	14.53	149	985099	47.591	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	678807	41.413	ng	99
88) Benzo(b)fluoranthene	15.00	252	756247	43.904	ng	99
89) Benzo(k)fluoranthene	15.03	252	679879	40.524	ng	98
90) Benzo(a)pyrene	15.36	252	656849	42.659	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	568289	42.638	ng	99
92) Benzo(g,h,i)perylene	17.32	276	546781	41.772	ng	99

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

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