Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113950.D
Acq On : 24 Apr 2019 10:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/25/2019 5:26:54 PM

Quant Time: Apr 24 16:23:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	148224	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	570132	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	297297	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	587691	20.00	ng		0.00
76) Chrysene-d12	14.06	240	433446	20.00	ng		-0.01
87) Perylene-d12	15.54	264	364276	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	689280	79.54	ng		0.00
7) Phenol-d6	6.53	99	868755	79.90	ng		0.00
23) Nitrobenzene-d5	7.46	82	793281	85.91	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	290297	80.16	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1525887	80.27	ng		0.00
79) Terphenyl-d14	13.00	244	1799330	85.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	159979	39.161	ng		96
3) Pyridine	3.47	79	439365	39.402	ng		98
4) n-Nitrosodimethylamine	3.42	42	144976	37.981	ng		95
6) Aniline	6.56	93	589535	39.486	ng		100
8) 2-Chlorophenol	6.69	128	397435	40.168	ng		98
9) Benzaldehyde	6.45	77	237132	37.850	ng		93
10) Phenol	6.54	94	512757	39.438	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	380857	38.927	ng		96
12) 1,3-Dichlorobenzene	6.84	146	451835	40.321	ng		99
13) 1,4-Dichlorobenzene	6.92	146	451738	40.079	ng		99
14) 1,2-Dichlorobenzene	7.07	146	422627	40.800	ng		99
15) Benzyl Alcohol	7.04	79	275945	37.683	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	429645	37.619	ng		91
17) 2-Methylphenol	7.15	107	352303	40.621	ng		98
18) Hexachloroethane	7.42	117	158332	40.074	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	268906	38.191	ng		98
20) 3+4-Methylphenols	7.30	107	402554	41.082	ng	#	89
22) Acetophenone	7.30	105	514859	40.581	ng	#	92
24) Nitrobenzene	7.48	77	431918	42.333	ng		96
25) Isophorone	7.72	82	737941	39.057	ng		99
26) 2-Nitrophenol	7.79	139	215325	46.260	ng		95
27) 2,4-Dimethylphenol	7.83	122	300866	39.673	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	477925	39.696	ng		98
29) 2,4-Dichlorophenol	8.04	162	358183	41.303	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	394723	40.821	ng		99
31) Naphthalene	8.20	128	1132574	41.816	ng		99
32) Benzoic acid	7.95	122	209481m	40.903	ng		
33) 4-Chloroaniline	8.25	127	460379	40.172	ng		98
34) Hexachlorobutadiene	8.32	225	243225	40.350	ng		98
35) Caprolactam	8.62	113	108030	39.160	ng		91
36) 4-Chloro-3-methylphenol	8.73	107	349405	40.668	ng		98
37) 2-Methylnaphthalene	8.89	142	741288	40.587	ng		98
38) 1-Methylnaphthalene	8.99	142	717836	40.721	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396374	41.045	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	198875	36.930	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	246289	40.163	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	283305	41.189	ng		99
46) 1,1'-Biphenyl	9.36	154	931178	41.001	ng		99
47) 2-Chloronaphthalene	9.38	162	755131	40.886	ng		97
48) 2-Nitroaniline	9.47	65	211683	43.721	ng		97
49) Acenaphthylene	9.80	152	1188711	41.112	ng		99
50) Dimethylphthalate	9.66	163	861974	40.090	ng		99
51) 2,6-Dinitrotoluene	9.72	165	201739	43.735	ng		96
52) Acenaphthene	9.97	154	704608	41.235	ng		97
53) 3-Nitroaniline	9.88	138	206525	42.607	ng		99
54) 2,4-Dinitrophenol	9.99	184	84177	46.112	ng	#	4
55) Dibenzofuran	10.14	168	1045727	40.855	ng		98
56) 4-Nitrophenol	10.04	139	163622	42.633	ng		99
57) 2,4-Dinitrotoluene	10.12	165	266554	45.781	ng		98
58) Fluorene	10.49	166	788085	40.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	249402	41.261	ng		98
60) Diethylphthalate	10.35	149	811754	39.757	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	408226	40.000	ng		99
62) 4-Nitroaniline	10.50	138	208566	44.092	ng		93
63) Azobenzene	10.63	77	788874	39.865	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	118567	44.623	ng		98
66) n-Nitrosodiphenylamine	10.59	169	697034	39.528	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	273515	38.526	ng		97
68) Hexachlorobenzene	11.04	284	304378	39.014	ng		95
69) Atrazine	11.12	200	219044	38.185	ng		98
70) Pentachlorophenol	11.23	266	175351	39.697	ng		98
71) Phenanthrene	11.44	178	1204797	40.792	ng		100
72) Anthracene	11.50	178	1210456	40.585	ng		100
73) Carbazole	11.64	167	1099183	41.309	ng		99
74) Di-n-butylphthalate	11.98	149	1251459	39.982	ng		98
75) Fluoranthene	12.63	202	1286855	39.936	ng		98
77) Benzidine	12.74	184	524221	40.591	ng		99
78) Pyrene	12.86	202	1292434	42.638	ng		99
80) Butylbenzylphthalate	13.47	149	512792	42.998	ng		96
81) Benzo(a)anthracene	14.05	228	1128248	44.180	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	428946	45.826	ng		99
83) Chrysene	14.09	228	1104028	44.389	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	662992	43.694	ng		99
85) Di-n-octyl phthalate	14.65	149	1024519	43.137	ng		98
86) Indeno(1,2,3-cd)pyrene	17.03	276	785347	33.335	ng		98
88) Benzo(b)fluoranthene	15.11	252	941529	40.852	ng		100
89) Benzo(k)fluoranthene	15.14	252	856759	43.216	ng		100
90) Benzo(a)pyrene	15.48	252	796084	39.934	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	652615	34.874	ng		99
92) Benzo(g,h,i)perylene	17.48	276	633058	33.522	ng		98

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

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