Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
Data File : BF113641.D
Acq On : 8 Apr 2019 15:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil

4/9/2019 10:15:33 AM

Quant Time: Apr 09 09:01:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	138281	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	543964	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	263337	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	512073	20.00	ng	0.00
76) Chrysene-d12	13.83	240	321434	20.00	ng	-0.01
87) Perylene-d12	15.24	264	282132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	659186	81.29	ng	0.00
7) Phenol-d6	6.34	99	798402	79.88	ng	0.00
23) Nitrobenzene-d5	7.26	82	738564	79.53	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	260712	82.42	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1339192	81.87	ng	0.00
79) Terphenyl-d14	12.78	244	1364569	86.43	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	145744	37.947	ng	99
3) Pyridine	3.02	79	391686	38.969	ng	99
4) n-Nitrosodimethylamine	2.97	42	166062	38.885	ng	96
6) Aniline	6.35	93	494706	40.835	ng	92
8) 2-Chlorophenol	6.47	128	384887	41.023	ng	97
9) Benzaldehyde	6.23	77	241911	40.706	ng	100
10) Phenol	6.36	94	466234	40.844	ng	81
11) bis(2-Chloroethyl)ether	6.42	93	355080	39.989	ng	99
12) 1,3-Dichlorobenzene	6.63	146	404926	40.076	ng	98
13) 1,4-Dichlorobenzene	6.70	146	412226	40.373	ng	98
14) 1,2-Dichlorobenzene	6.86	146	377143	40.922	ng	98
15) Benzyl Alcohol	6.84	79	252639	37.384	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	544017	39.361	ng	63
17) 2-Methylphenol	6.96	107	307044	42.229	ng	93
18) Hexachloroethane	7.19	117	148505	39.959	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	249532	40.488	ng	98
20) 3+4-Methylphenols	7.12	107	379359	43.061	ng	93
22) Acetophenone	7.10	105	482177	40.359	ng	98
24) Nitrobenzene	7.27	77	386551	40.419	ng	99
25) Isophorone	7.52	82	710819	39.734	ng	99
26) 2-Nitrophenol	7.59	139	210209	40.840	ng	91
27) 2,4-Dimethylphenol	7.64	122	291885	39.666	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	451095	39.884	ng	99
29) 2,4-Dichlorophenol	7.84	162	325197	41.305	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	339579	39.718	ng	97
31) Naphthalene	7.99	128	1053697	39.979	ng	99
32) Benzoic acid	7.80	122	186744m	32.774	ng	
33) 4-Chloroaniline	8.05	127	441454	42.241	ng	98
34) Hexachlorobutadiene	8.11	225	214640	41.177	ng	98
35) Caprolactam	8.43	113	103126m	41.263	ng	
36) 4-Chloro-3-methylphenol	8.55	107	327070	41.384	ng	98
37) 2-Methylnaphthalene	8.68	142	695546	40.125	ng	100
38) 1-Methylnaphthalene	8.78	142	671002	40.144	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	342912	40.264	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	88377	38.070	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	211132	39.274	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	234333	40.602	ng		100
46) 1,1'-Biphenyl	9.15	154	870092	40.041	ng		99
47) 2-Chloronaphthalene	9.17	162	659319	40.073	ng		98
48) 2-Nitroaniline	9.27	65	204159	40.553	ng		96
49) Acenaphthylene	9.58	152	1075834	40.212	ng		99
50) Dimethylphthalate	9.45	163	762559	39.284	ng		100
51) 2,6-Dinitrotoluene	9.52	165	171857	40.164	ng		96
52) Acenaphthene	9.75	154	615944	40.219	ng		100
53) 3-Nitroaniline	9.69	138	196967	40.488	ng		97
54) 2,4-Dinitrophenol	9.81	184	68858	34.397	ng	#	88
55) Dibenzofuran	9.92	168	899464	40.038	ng		99
56) 4-Nitrophenol	9.87	139	105174	34.852	ng		92
57) 2,4-Dinitrotoluene	9.93	165	209898	40.561	ng		96
58) Fluorene	10.27	166	721090	40.583	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	206862	41.408	ng		99
60) Diethylphthalate	10.15	149	753609	40.267	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	360973	41.303	ng		95
62) 4-Nitroaniline	10.30	138	196136	39.648	ng		98
63) Azobenzene	10.42	77	714189	40.303	ng		96
65) 4,6-Dinitro-2-methylphenol	10.35	198	103037	38.221	ng		97
66) n-Nitrosodiphenylamine	10.38	169	644429	40.993	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	237260	41.312	ng		95
68) Hexachlorobenzene	10.82	284	267873	40.707	ng		96
69) Atrazine	10.91	200	200856	40.536	ng		96
70) Pentachlorophenol	11.02	266	102989	33.213	ng		99
71) Phenanthrene	11.23	178	1021324	40.138	ng		99
72) Anthracene	11.28	178	1050547	40.580	ng		99
73) Carbazole	11.43	167	981295	40.527	ng		99
74) Di-n-butylphthalate	11.76	149	1136368	39.452	ng		99
75) Fluoranthene	12.41	202	1070265	39.252	ng		100
77) Benzidine	12.53	184	484874	40.565	ng		98
78) Pyrene	12.64	202	1062484	43.442	ng		99
80) Butylbenzylphthalate	13.25	149	403991	40.579	ng		96
81) Benzo(a)anthracene	13.83	228	769953	41.525	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	287920	40.315	ng		99
83) Chrysene	13.86	228	734658	39.085	ng		99
84) Bis(2-ethylhexyl)phthalate	13.81	149	496117	41.216	ng		99
85) Di-n-octyl phthalate	14.42	149	743658	38.008	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	801455	46.182	ng		99
88) Benzo(b)fluoranthene	14.84	252	642746	37.218	ng		99
89) Benzo(k)fluoranthene	14.87	252	617539	39.843	ng		99
90) Benzo(a)pyrene	15.19	252	612506	39.913	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	663004	46.199	ng		100
92) Benzo(g,h,i)perylene	17.02	276	694452	47.410	ng		99

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

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