Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113762.D
Acq On : 15 Apr 2019 14:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/16/2019 5:02:44 PM

Quant Time: Apr 15 15:24:19 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	6.67	152	157025	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	614947	20.00	ng		-0.01
39) Acenaphthene-d10	9.71	164	306983	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	610795	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	462176	20.00	ng		-0.01
87) Perylene-d12	15.24	264	393186	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	788603	85.64	ng		-0.01
7) Phenol-d6	6.33	99	934100	82.30	ng		0.00
23) Nitrobenzene-d5	7.25	82	863118	82.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	304760	82.64	ng		-0.01
45) 2-Fluorobiphenyl	9.03	172	1524016	79.92	ng		-0.02
79) Terphenyl-d14	12.77	244	1729330	76.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	170210	39.027	ng		100
3) Pyridine	3.00	79	458845	40.201	ng		99
4) n-Nitrosodimethylamine	2.96	42	201978	41.650	ng		97
6) Aniline	6.34	93	576565	41.911	ng	#	78
8) 2-Chlorophenol	6.47	128	443877	41.663	ng		95
9) Benzaldehyde	6.23	77	286057	42.389	ng		99
10) Phenol	6.35	94	530529	40.929	ng		98
11) bis(2-Chloroethyl)ether	6.42	93	411737	40.834	ng		100
12) 1,3-Dichlorobenzene	6.62	146	473880	41.302	ng		97
13) 1,4-Dichlorobenzene	6.69	146	481796	41.554	ng		98
14) 1,2-Dichlorobenzene	6.85	146	430465	41.132	ng		97
15) Benzyl Alcohol	6.83	79	281626	36.699	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	618592	39.414	ng		66
17) 2-Methylphenol	6.95	107	340242	41.209	ng	#	90
18) Hexachloroethane	7.18	117	171919	40.737	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	289702	41.395	ng		98
20) 3+4-Methylphenols	7.11	107	460614	46.043	ng		94
22) Acetophenone	7.09	105	565588	41.876	ng		97
24) Nitrobenzene	7.26	77	459884	42.536	ng		96
25) Isophorone	7.50	82	813901	40.245	ng		99
26) 2-Nitrophenol	7.58	139	249333	42.849	ng		96
27) 2,4-Dimethylphenol	7.63	122	339238	40.780	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	525426	41.094	ng		99
29) 2,4-Dichlorophenol	7.83	162	386061	43.375	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	394461	40.811	ng		97
31) Naphthalene	7.98	128	1222521	41.030	ng		99
32) Benzoic acid	7.82	122	238461	37.019	ng		99
33) 4-Chloroaniline	8.04	127	535300	45.309	ng		97
34) Hexachlorobutadiene	8.10	225	244002	41.407	ng		98
35) Caprolactam	8.43	113	122131m	43.227	ng		
36) 4-Chloro-3-methylphenol	8.54	107	390611	43.718	ng		98
37) 2-Methylnaphthalene	8.67	142	807511	41.207	ng		99
38) 1-Methylnaphthalene	8.77	142	780564	41.308	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	400838	40.374	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	92596	35.568	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	246572	39.345	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	251115	37.324	ng		99
46) 1,1'-Biphenyl	9.13	154	1015106	40.072	ng		100
47) 2-Chloronaphthalene	9.16	162	769978	40.145	ng		97
48) 2-Nitroaniline	9.27	65	247122	42.108	ng		99
49) Acenaphthylene	9.57	152	1228843	39.401	ng		100
50) Dimethylphthalate	9.44	163	882400	38.995	ng		99
51) 2,6-Dinitrotoluene	9.51	165	201039	40.304	ng		99
52) Acenaphthene	9.75	154	728611	40.812	ng		99
53) 3-Nitroaniline	9.68	138	241407	42.568	ng		93
54) 2,4-Dinitrophenol	9.81	184	105376	45.156	ng	#	88
55) Dibenzofuran	9.92	168	1070878	40.891	ng		99
56) 4-Nitrophenol	9.88	139	119109	33.858	ng		89
57) 2,4-Dinitrotoluene	9.92	165	259610	43.034	ng		99
58) Fluorene	10.26	166	846341	40.860	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	265978	45.671	ng		93
60) Diethylphthalate	10.13	149	894051	40.979	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	422773	41.497	ng		98
62) 4-Nitroaniline	10.30	138	242507	42.052	ng		98
63) Azobenzene	10.41	77	826948	40.031	ng		99
65) 4,6-Dinitro-2-methylphenol	10.34	198	137385	42.725	ng		99
66) n-Nitrosodiphenylamine	10.37	169	768341	40.976	ng		100
67) 4-Bromophenyl-phenylether	10.73	248	279386	40.784	ng		99
68) Hexachlorobenzene	10.81	284	320792	40.869	ng	#	93
69) Atrazine	10.90	200	214354	36.268	ng		97
70) Pentachlorophenol	11.02	266	176625	47.754	ng		99
71) Phenanthrene	11.22	178	1240984	40.888	ng		100
72) Anthracene	11.27	178	1271162	41.165	ng		100
73) Carbazole	11.43	167	1256600	43.509	ng		99
74) Di-n-butylphthalate	11.75	149	1409955	41.039	ng		100
75) Fluoranthene	12.40	202	1369558	42.110	ng		100
77) Benzidine	12.53	184	708471	41.222	ng		99
78) Pyrene	12.63	202	1390842	39.550	ng		100
80) Butylbenzylphthalate	13.24	149	581254	40.605	ng		97
81) Benzo(a)anthracene	13.82	228	1115437	41.838	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	413041	40.223	ng		100
83) Chrysene	13.86	228	1085434	40.162	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	751610	43.427	ng	#	98
85) Di-n-octyl phthalate	14.41	149	1139213	40.494	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	960463	38.491	ng		99
88) Benzo(b)fluoranthene	14.84	252	997350	41.439	ng		99
89) Benzo(k)fluoranthene	14.87	252	831500	38.495	ng		98
90) Benzo(a)pyrene	15.18	252	865490	40.469	ng		100
91) Dibenzo(a,h)anthracene	16.61	278	800136	40.007	ng		100
92) Benzo(g,h,i)perylene	17.02	276	824097	40.370	ng		99

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

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