Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113261.D
Acq On : 24 Mar 2019 11:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/26/2019 6:34:38 PM

Quant Time: Mar 25 04:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	206659	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	833071	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	388500	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	808618	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	598150	20.00	ng		0.00
87) Perylene-d12	15.27	264	526563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	997852	75.11	ng		-0.02
7) Phenol-d6	6.37	99	1285611	77.04	ng		0.00
23) Nitrobenzene-d5	7.29	82	1249092	89.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.54	330	406683	98.60	ng		-0.01
45) 2-Fluorobiphenyl	9.08	172	2094306	91.02	ng		-0.01
79) Terphenyl-d14	12.82	244	2183001	70.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	234427	35.202	ng		98
3) Pyridine	3.08	79	646237	36.272	ng		98
4) n-Nitrosodimethylamine	3.03	42	283013	36.313	ng		97
6) Aniline	6.38	93	798346	34.754	ng	#	35
8) 2-Chlorophenol	6.51	128	580637	39.262	ng		92
9) Benzaldehyde	6.26	77	446017	37.091	ng		99
10) Phenol	6.38	94	725408	37.249	ng	#	66
11) bis(2-Chloroethyl)ether	6.46	93	580779	38.854	ng		96
12) 1,3-Dichlorobenzene	6.66	146	621679	40.693	ng		97
13) 1,4-Dichlorobenzene	6.73	146	641920	41.898	ng		98
14) 1,2-Dichlorobenzene	6.89	146	589772	41.992	ng		98
15) Benzyl Alcohol	6.87	79	474881	37.317	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	915057	36.683	ng		82
17) 2-Methylphenol	6.99	107	481769	40.156	ng		94
18) Hexachloroethane	7.23	117	240181	40.925	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	401060	37.945	ng		96
20) 3+4-Methylphenols	7.14	107	565117	41.721	ng	#	85
22) Acetophenone	7.13	105	844059	43.331	ng		93
24) Nitrobenzene	7.30	77	646881	41.747	ng		99
25) Isophorone	7.55	82	1186990	39.575	ng		99
26) 2-Nitrophenol	7.62	139	350266	54.302	ng		94
27) 2,4-Dimethylphenol	7.67	122	467362	38.946	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	727405	38.791	ng		98
29) 2,4-Dichlorophenol	7.87	162	526042	45.203	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	556168	44.479	ng		99
31) Naphthalene	8.02	128	1688727	40.830	ng		99
32) Benzoic acid	7.82	122	402149	47.813	ng		94
33) 4-Chloroaniline	8.07	127	725609	41.420	ng		99
34) Hexachlorobutadiene	8.15	225	343889	48.765	ng		99
35) Caprolactam	8.46	113	178899m	43.648	ng		
36) 4-Chloro-3-methylphenol	8.57	107	538661	41.825	ng		97
37) 2-Methylnaphthalene	8.71	142	1120875	41.965	ng		99
38) 1-Methylnaphthalene	8.81	142	1092634	42.230	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	539875	47.654	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	240656	38.792	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	358600	45.992	ng		100
44) 2,4,5-Trichlorophenol	9.04	196	385164	45.703	ng		99
46) 1,1'-Biphenyl	9.18	154	1405715	44.361	ng		99
47) 2-Chloronaphthalene	9.20	162	1079009	43.608	ng		98
48) 2-Nitroaniline	9.30	65	357565	47.543	ng		98
49) Acenaphthylene	9.62	152	1624314	38.669	ng		100
50) Dimethylphthalate	9.48	163	1257101	43.884	ng		99
51) 2,6-Dinitrotoluene	9.55	165	273376	45.828	ng	#	78
52) Acenaphthene	9.79	154	929784	37.851	ng		99
53) 3-Nitroaniline	9.71	138	315390	43.390	ng		96
54) 2,4-Dinitrophenol	9.82	184	139106	58.864	ng		97
55) Dibenzofuran	9.96	168	1381116	38.684	ng		99
56) 4-Nitrophenol	9.89	139	220209	37.276	ng		96
57) 2,4-Dinitrotoluene	9.95	165	343381	46.309	ng		90
58) Fluorene	10.30	166	1055808	41.666	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	306305	43.624	ng		92
60) Diethylphthalate	10.17	149	1168378	38.618	ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	534805	45.362	ng		93
62) 4-Nitroaniline	10.33	138	321068	47.801	ng		97
63) Azobenzene	10.45	77	1109079	35.790	ng		96
65) 4,6-Dinitro-2-methylphenol	10.36	198	176730	52.693	ng	#	72
66) n-Nitrosodiphenylamine	10.41	169	978750	37.741	ng		99
67) 4-Bromophenyl-phenylether	10.78	248	378947	44.492	ng	#	90
68) Hexachlorobenzene	10.85	284	437921	45.612	ng	#	90
69) Atrazine	10.94	200	277563	34.947	ng		99
70) Pentachlorophenol	11.05	266	228809	40.490	ng		99
71) Phenanthrene	11.26	178	1629194	40.495	ng		100
72) Anthracene	11.31	178	1659179	39.397	ng		100
73) Carbazole	11.46	167	1603704	39.036	ng		100
74) Di-n-butylphthalate	11.79	149	1870903	37.980	ng		99
75) Fluoranthene	12.44	202	1694955	39.323	ng		98
77) Benzidine	12.56	184	704379	22.698	ng		100
78) Pyrene	12.67	202	1722322	34.156	ng		99
80) Butylbenzylphthalate	13.29	149	800695	35.973	ng		90
81) Benzo(a)anthracene	13.85	228	1404321	33.875	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	581441	37.085	ng		97
83) Chrysene	13.89	228	1452056	35.759	ng		100
84) Bis(2-ethylhexyl)phthalate	13.84	149	948171	36.318	ng		100
85) Di-n-octyl phthalate	14.46	149	1628763	36.332	ng		98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1283745	37.082	ng		94
88) Benzo(b)fluoranthene	14.87	252	1379994m	40.517	ng		
89) Benzo(k)fluoranthene	14.90	252	1146427	37.160	ng		98
90) Benzo(a)pyrene	15.22	252	1175657	39.024	ng	#	96
91) Dibenzo(a,h)anthracene	16.65	278	1036552	40.321	ng		96
92) Benzo(g,h,i)perylene	17.05	276	1093496	42.361	ng	#	95

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

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