Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112578.D
Acq On : 15 Feb 2019 14:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/18/2019 12:06:25 PM

Quant Time: Feb 15 15:42:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116329	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	462961	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	229544	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	428896	20.00	ng		0.00
76) Chrysene-d12	14.02	240	319956	20.00	ng		0.01
87) Perylene-d12	15.50	264	236241	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	520320	95.01	ng		-0.01
7) Phenol-d6	6.49	99	644246	84.66	ng		0.00
23) Nitrobenzene-d5	7.40	82	642698	79.99	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	215106	80.51	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1309926	80.71	ng		-0.01
79) Terphenyl-d14	12.95	244	1417655	83.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	101230	46.400	ng		93
3) Pyridine	3.35	79	244006	43.967	ng		98
4) n-Nitrosodimethylamine	3.30	42	109609	47.010	ng	#	89
6) Aniline	6.50	93	384406	42.462	ng	#	70
8) 2-Chlorophenol	6.63	128	302539	41.063	ng		98
9) Benzaldehyde	6.39	77	156275	39.288	ng		99
10) Phenol	6.50	94	349848	41.902	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	271556	41.312	ng		97
12) 1,3-Dichlorobenzene	6.77	146	341137	39.758	ng		97
13) 1,4-Dichlorobenzene	6.85	146	354432	40.137	ng		97
14) 1,2-Dichlorobenzene	7.01	146	336106	40.653	ng		97
15) Benzyl Alcohol	6.99	79	259865	40.508	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	334043	39.580	ng	#	32
17) 2-Methylphenol	7.10	107	234829	40.207	ng	#	85
18) Hexachloroethane	7.35	117	130170	41.978	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	218916	41.718	ng		98
20) 3+4-Methylphenols	7.26	107	315643	42.263	ng	#	79
22) Acetophenone	7.25	105	444248	39.408	ng	#	94
24) Nitrobenzene	7.42	77	316571	39.451	ng		99
25) Isophorone	7.66	82	504926	40.058	ng		98
26) 2-Nitrophenol	7.74	139	175585	40.945	ng		92
27) 2,4-Dimethylphenol	7.78	122	232147	39.291	ng		93
28) bis(2-Chloroethoxy)methane	7.86	93	342567	39.913	ng		99
29) 2,4-Dichlorophenol	7.99	162	267290	40.426	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	302126	39.753	ng		98
31) Naphthalene	8.15	128	859234	39.687	ng		99
32) Benzoic acid	7.94	122	119567	35.477	ng		96
33) 4-Chloroaniline	8.19	127	371201	39.377	ng		98
34) Hexachlorobutadiene	8.26	225	180917	40.566	ng		99
35) Caprolactam	8.58	113	86947	37.277	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	274749	39.253	ng		97
37) 2-Methylnaphthalene	8.83	142	583132	39.344	ng		97
38) 1-Methylnaphthalene	8.93	142	560927	39.486	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	301389	39.989	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	76099	32.981	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	181316	39.029	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	183717	37.838	ng	#	93
46) 1,1'-Biphenyl	9.30	154	802652	39.997	ng		99
47) 2-Chloronaphthalene	9.33	162	607626	39.046	ng		95
48) 2-Nitroaniline	9.43	65	168187	39.653	ng		90
49) Acenaphthylene	9.74	152	897096	39.331	ng		99
50) Dimethylphthalate	9.59	163	682519	38.270	ng		100
51) 2,6-Dinitrotoluene	9.67	165	155428	38.913	ng	#	83
52) Acenaphthene	9.91	154	541416	39.736	ng		99
53) 3-Nitroaniline	9.84	138	163027	37.675	ng		87
54) 2,4-Dinitrophenol	9.97	184	42488m	33.146	ng		
55) Dibenzofuran	10.09	168	811934	38.994	ng		95
56) 4-Nitrophenol	10.03	139	83087m	36.318	ng		
57) 2,4-Dinitrotoluene	10.08	165	196217	38.588	ng	#	62
58) Fluorene	10.43	166	629107	40.375	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	145425	39.634	ng		95
60) Diethylphthalate	10.29	149	713102	40.291	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	340553	40.179	ng		96
62) 4-Nitroaniline	10.46	138	147943	34.856	ng		94
63) Azobenzene	10.57	77	635385	40.820	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	89208	37.098	ng		97
66) n-Nitrosodiphenylamine	10.53	169	593264	41.042	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	205969	40.831	ng		98
68) Hexachlorobenzene	10.99	284	222103	41.038	ng		95
69) Atrazine	11.06	200	166985	35.802	ng		98
70) Pentachlorophenol	11.19	266	68263	32.416	ng		95
71) Phenanthrene	11.39	178	886185	39.743	ng		98
72) Anthracene	11.44	178	901697	40.596	ng		99
73) Carbazole	11.60	167	865779	39.516	ng		99
74) Di-n-butylphthalate	11.92	149	1132065	41.628	ng		99
75) Fluoranthene	12.59	202	901500	37.695	ng		98
77) Benzidine	12.70	184	337207	38.292	ng		96
78) Pyrene	12.82	202	918553	41.466	ng		99
80) Butylbenzylphthalate	13.42	149	459278	42.853	ng		96
81) Benzo(a)anthracene	14.01	228	739101	39.296	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	275917	39.198	ng		99
83) Chrysene	14.04	228	701733	39.085	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	641908	42.194	ng	#	96
85) Di-n-octyl phthalate	14.58	149	980292	41.882	ng		98
86) Indeno(1,2,3-cd)pyrene	17.01	276	501169	35.228	ng		96
88) Benzo(b)fluoranthene	15.07	252	576119	40.778	ng		99
89) Benzo(k)fluoranthene	15.10	252	555633	41.058	ng		97
90) Benzo(a)pyrene	15.44	252	509960	40.115	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	426059	41.585	ng		97
92) Benzo(g,h,i)perylene	17.46	276	411129	42.533	ng		95

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

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