Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111594.D
Acq On : 19 Dec 2018 16:37
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:51 PM

Quant Time: Dec 19 17:19:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 16:16:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	229113	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	809920	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	399822	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	738014	20.00	ng		0.00
76) Chrysene-d12	14.05	240	515605	20.00	ng		0.00
87) Perylene-d12	15.53	264	441736	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1495680	108.63	ng		0.00
7) Phenol-d6	6.53	99	1892779	103.35	ng		0.00
23) Nitrobenzene-d5	7.46	82	1702453	125.17	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	539047	150.51	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2907471	112.32	ng		0.00
79) Terphenyl-d14	13.00	244	3129550	142.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	360132	54.157	ng		97
3) Pyridine	3.47	79	952794	57.049	ng		99
4) n-Nitrosodimethylamine	3.42	42	474617	62.564	ng		86
6) Aniline	6.56	93	1240460	54.603	ng		99
8) 2-Chlorophenol	6.69	128	831033	50.516	ng		99
9) Benzaldehyde	6.45	77	614622	55.329	ng		94
10) Phenol	6.54	94	1082305	53.050	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	813452	50.863	ng		93
12) 1,3-Dichlorobenzene	6.85	146	964985	53.288	ng		98
13) 1,4-Dichlorobenzene	6.92	146	973807	52.979	ng		98
14) 1,2-Dichlorobenzene	7.07	146	897568	51.906	ng		98
15) Benzyl Alcohol	7.04	79	766432	55.000	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1474022	47.204	ng		99
17) 2-Methylphenol	7.15	107	674988	50.982	ng		96
18) Hexachloroethane	7.42	117	335906	49.105	ng	#	86
19) n-Nitroso-di-n-propylamine	7.32	70	632269	52.328	ng		99
20) 3+4-Methylphenols	7.30	107	819449	49.342	ng		92
22) Acetophenone	7.31	105	1146283	63.400	ng		92
24) Nitrobenzene	7.48	77	885340	63.811	ng		96
25) Isophorone	7.72	82	1428695	62.082	ng		98
26) 2-Nitrophenol	7.80	139	390074	54.212	ng		95
27) 2,4-Dimethylphenol	7.83	122	685908	65.755	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	952155	59.933	ng		98
29) 2,4-Dichlorophenol	8.03	162	721340	64.779	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	803519	68.931	ng		98
31) Naphthalene	8.20	128	2177439	57.480	ng		98
32) Benzoic acid	7.96	122	495244m	54.941	ng		
33) 4-Chloroaniline	8.25	127	944268	56.056	ng		98
34) Hexachlorobutadiene	8.33	225	486218	75.709	ng		99
35) Caprolactam	8.63	113	238984	57.805	ng		99
36) 4-Chloro-3-methylphenol	8.73	107	707032	57.684	ng		99
37) 2-Methylnaphthalene	8.89	142	1399003	54.577	ng		97
38) 1-Methylnaphthalene	8.99	142	1356410	54.773	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	733276	66.876	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	376639	66.905	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	517078	66.630	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	518099	62.739	ng		94
46) 1,1'-Biphenyl	9.36	154	1869296	55.178	ng		96
47) 2-Chloronaphthalene	9.39	162	1515659	58.859	ng		94
48) 2-Nitroaniline	9.47	65	442895	52.971	ng		97
49) Acenaphthylene	9.80	152	2225281	58.218	ng		97
50) Dimethylphthalate	9.66	163	1652415	57.387	ng		97
51) 2,6-Dinitrotoluene	9.72	165	364907	56.301	ng		93
52) Acenaphthene	9.97	154	1365449	56.519	ng		100
53) 3-Nitroaniline	9.89	138	401452	50.995	ng		95
54) 2,4-Dinitrophenol	9.98	184	108142	43.856	ng	#	1
55) Dibenzofuran	10.15	168	2022097	57.663	ng		96
56) 4-Nitrophenol	10.03	139	307986	56.531	ng		93
57) 2,4-Dinitrotoluene	10.12	165	448887	52.768	ng		93
58) Fluorene	10.49	166	1428353	56.156	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	442668	68.608	ng		90
60) Diethylphthalate	10.36	149	1621885	55.607	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	795675	63.938	ng		94
62) 4-Nitroaniline	10.50	138	376070	48.256	ng		89
63) Azobenzene	10.64	77	1632092	56.759	ng		94
65) 4,6-Dinitro-2-methylphenol	10.53	198	190248	45.662	ng	#	74
66) n-Nitrosodiphenylamine	10.59	169	1407331	55.298	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	527690	66.340	ng		95
68) Hexachlorobenzene	11.03	284	590256	72.139	ng		98
69) Atrazine	11.12	200	483280	65.707	ng		96
70) Pentachlorophenol	11.22	266	382684	76.254	ng		96
71) Phenanthrene	11.45	178	2177669	57.264	ng		96
72) Anthracene	11.50	178	2189789	56.306	ng		97
73) Carbazole	11.65	167	2136692	53.129	ng		97
74) Di-n-butylphthalate	11.98	149	2373896	53.001	ng		98
75) Fluoranthene	12.63	202	2164098	58.170	ng		98
77) Benzidine	12.74	184	1085083	57.249	ng		96
78) Pyrene	12.86	202	2224836	61.203	ng		99
80) Butylbenzylphthalate	13.47	149	913683	51.565	ng		92
81) Benzo(a)anthracene	14.04	228	1696072	60.497	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	647343	56.799	ng	#	98
83) Chrysene	14.08	228	1666758	56.436	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1104125	48.787	ng	#	100
85) Di-n-octyl phthalate	14.66	149	1701649	44.576	ng		97
86) Indeno(1,2,3-cd)pyrene	17.02	276	1577473	74.006	ng	#	90
88) Benzo(b)fluoranthene	15.10	252	1477815	57.382	ng	#	96
89) Benzo(k)fluoranthene	15.13	252	1434478	58.293	ng	#	97
90) Benzo(a)pyrene	15.47	252	1371854	59.071	ng	#	94
91) Dibenzo(a,h)anthracene	17.04	278	1305805	71.279	ng	#	92
92) Benzo(g,h,i)perylene	17.47	276	1299851	72.285	ng	#	88

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

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