Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109331.D
Acq On : 26 Sep 2018 12:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Quant Time: Sep 26 14:21:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

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9/27/2018 1:31:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118099	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	470974	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	225679	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	436684	20.00	ng		0.00
75) Chrysene-d12	13.84	240	314032	20.00	ng		0.00
86) Perylene-d12	15.24	264	266205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	572314	79.82	ng		0.00
7) Phenol-d6	6.35	99	738030	80.66	ng		0.00
23) Nitrobenzene-d5	7.27	82	672504	84.29	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	193523	86.99	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1195569	79.90	ng		0.00
78) Terphenyl-d14	12.80	244	1044261	81.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	132982	40.270	ng		92
3) Pyridine	3.08	79	339533	39.949	ng		92
4) n-Nitrosodimethylamine	3.02	42	144279	39.889	ng	#	97
6) Aniline	6.37	93	467232	39.915	ng	#	88
8) 2-Chlorophenol	6.49	128	320428	40.187	ng		99
9) Benzaldehyde	6.25	77	226187	38.483	ng		98
10) Phenol	6.36	94	404212	39.011	ng	#	72
11) bis(2-Chloroethyl)ether	6.45	93	319248	39.376	ng		98
12) 1,3-Dichlorobenzene	6.65	146	363452	39.590	ng		99
13) 1,4-Dichlorobenzene	6.73	146	366058	39.579	ng		98
14) 1,2-Dichlorobenzene	6.88	146	338578	39.684	ng		99
15) Benzyl Alcohol	6.85	79	282846	40.387	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	443471	38.562	ng		95
17) 2-Methylphenol	6.97	107	256696	39.787	ng		96
18) Hexachloroethane	7.22	117	132748	40.739	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	233111	38.883	ng		95
20) 3+4-Methylphenols	7.12	107	306468	39.345	ng	#	56
22) Acetophenone	7.12	105	422618	38.812	ng	#	91
24) Nitrobenzene	7.29	77	345342	40.709	ng		99
25) Isophorone	7.53	82	557591	38.811	ng		98
26) 2-Nitrophenol	7.61	139	167523	49.935	ng		98
27) 2,4-Dimethylphenol	7.65	122	250853	40.072	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	374354	39.363	ng		99
29) 2,4-Dichlorophenol	7.85	162	273617	41.601	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	292249	39.765	ng		99
31) Naphthalene	8.02	128	867208	39.403	ng		99
32) Benzoic acid	7.78	122	177197m	42.553	ng		
33) 4-Chloroaniline	8.06	127	385893	40.136	ng		98
34) Hexachlorobutadiene	8.14	225	176662	39.873	ng		99
35) Caprolactam	8.44	113	87274	41.561	ng	#	86
36) 4-Chloro-3-methylphenol	8.55	107	283064	40.899	ng		98
37) 2-Methylnaphthalene	8.70	142	558896	39.393	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	286728	39.921	ng		97
40) Hexachlorocyclopentadiene	8.86	237	119092	38.016	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	193689	42.018	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	203982	41.899	ng		96
45) 1,1'-Biphenyl	9.17	154	717463	39.019	ng		99
46) 2-Chloronaphthalene	9.19	162	578898	39.409	ng		98
47) 2-Nitroaniline	9.29	65	182283	43.768	ng		97
48) Acenaphthylene	9.60	152	871935	39.347	ng		99
49) Dimethylphthalate	9.47	163	647084	39.422	ng		99
50) 2,6-Dinitrotoluene	9.53	165	147014	45.222	ng		98
51) Acenaphthene	9.77	154	518325	38.687	ng		98
52) 3-Nitroaniline	9.69	138	171949	45.673	ng		93
53) 2,4-Dinitrophenol	9.80	184	48670	46.234	ng	#	16
54) Dibenzofuran	9.95	168	783213	39.308	ng		96
55) 4-Nitrophenol	9.86	139	116718	41.155	ng		99
56) 2,4-Dinitrotoluene	9.93	165	192657	46.837	ng	#	90
57) Fluorene	10.29	166	550804	38.744	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	162405	42.131	ng		91
59) Diethylphthalate	10.17	149	645708	38.847	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	288506	38.854	ng		96
61) 4-Nitroaniline	10.30	138	165145	44.980	ng		98
62) Azobenzene	10.44	77	658688	38.141	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	79841	45.996	ng		91
65) n-Nitrosodiphenylamine	10.40	169	574481	39.817	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	195827	40.383	ng	#	87
67) Hexachlorobenzene	10.84	284	210331	40.840	ng	#	90
68) Atrazine	10.93	200	180433	40.663	ng		98
69) Pentachlorophenol	11.03	266	130735	42.413	ng		99
70) Phenanthrene	11.25	178	859306	39.411	ng		99
71) Anthracene	11.30	178	865408	39.133	ng		99
72) Carbazole	11.45	167	858534	39.019	ng		99
73) Di-n-butylphthalate	11.79	149	987187	38.973	ng		99
74) Fluoranthene	12.43	202	900776	38.659	ng		96
76) Benzidine	12.55	184	475558	42.002	ng		99
77) Pyrene	12.65	202	923445	41.031	ng		100
79) Butylbenzylphthalate	13.27	149	408350	42.647	ng		96
80) Benzo(a)anthracene	13.83	228	717214	37.917	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	283243	39.402	ng		98
82) Chrysene	13.87	228	718587	38.329	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	481216	39.850	ng		99
84) Di-n-octyl phthalate	14.44	149	810207	39.241	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	560660	36.895	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	598238	40.897	ng		98
88) Benzo(k)fluoranthene	14.88	252	574727m	41.405	ng		
89) Benzo(a)pyrene	15.19	252	533486	40.474	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	461877	42.713	ng		96
91) Benzo(g,h,i)perylene	17.00	276	474429	44.641	ng	#	92

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

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