Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110075.D
Acq On : 23 Oct 2018 13:07
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
10/24/2018 5:11:45 PM

Quant Time: Oct 23 14:05:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 12:51:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171168	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	716281	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	339477	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	650271	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	469792	20.00	ng		-0.01
87) Perylene-d12	15.67	264	376094	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1001063	92.71	ng		-0.02
7) Phenol-d6	6.59	99	1270264	94.73	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1176399	110.64	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	324356	110.36	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	2059094	96.78	ng		-0.01
79) Terphenyl-d14	13.09	244	2077793	92.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	266438	43.443	ng		92
3) Pyridine	3.59	79	616537	45.090	ng		89
4) n-Nitrosodimethylamine	3.56	42	254900	45.699	ng	#	95
6) Aniline	6.63	93	848136	46.937	ng	#	54
8) 2-Chlorophenol	6.75	128	575934	47.615	ng		97
9) Benzaldehyde	6.52	77	355826	40.836	ng		96
10) Phenol	6.60	94	684734	47.298	ng	#	64
11) bis(2-Chloroethyl)ether	6.70	93	565100	46.685	ng		95
12) 1,3-Dichlorobenzene	6.91	146	637439	48.060	ng		96
13) 1,4-Dichlorobenzene	6.99	146	639228	47.855	ng		98
14) 1,2-Dichlorobenzene	7.14	146	589485	47.924	ng		100
15) Benzyl Alcohol	7.10	79	505850	49.037	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	900839	45.342	ng		69
17) 2-Methylphenol	7.21	107	466380	47.816	ng	#	81
18) Hexachloroethane	7.48	117	240661	50.982	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	410561	47.688	ng		97
20) 3+4-Methylphenols	7.37	107	588015	47.508	ng		96
22) Acetophenone	7.38	105	778276	46.853	ng	#	98
24) Nitrobenzene	7.55	77	607642	52.605	ng		96
25) Isophorone	7.79	82	998598	47.796	ng		95
26) 2-Nitrophenol	7.86	139	305450	63.777	ng		98
27) 2,4-Dimethylphenol	7.89	122	480042	47.702	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	673767	46.990	ng		99
29) 2,4-Dichlorophenol	8.10	162	481829	49.356	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	536054	49.041	ng		96
31) Naphthalene	8.27	128	1555124	47.346	ng		99
32) Benzoic acid	8.03	122	386210	61.595	ng		95
33) 4-Chloroaniline	8.32	127	704012	47.681	ng		98
34) Hexachlorobutadiene	8.39	225	296426	49.178	ng		97
35) Caprolactam	8.70	113	170911	49.295	ng	#	86
36) 4-Chloro-3-methylphenol	8.80	107	516766	50.178	ng		96
37) 2-Methylnaphthalene	8.96	142	1030008	48.428	ng		99
38) 1-Methylnaphthalene	9.06	142	998294m	48.439	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	505624	48.356	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	278485	55.181	ng		99
43) 2,4,6-Trichlorophenol	9.24	196	336990	51.542	ng		97
44) 2,4,5-Trichlorophenol	9.28	196	350758	51.690	ng		95
46) 1,1'-Biphenyl	9.43	154	1437551	47.529	ng		99
47) 2-Chloronaphthalene	9.46	162	1066475	47.869	ng		97
48) 2-Nitroaniline	9.55	65	343474	60.074	ng		98
49) Acenaphthylene	9.87	152	1538067	47.522	ng		97
50) Dimethylphthalate	9.73	163	1191011	49.547	ng		100
51) 2,6-Dinitrotoluene	9.79	165	270596	59.268	ng		99
52) Acenaphthene	10.05	154	1022801	49.637	ng		98
53) 3-Nitroaniline	9.97	138	313154	56.385	ng		91
54) 2,4-Dinitrophenol	10.07	184	101154	86.603	ng		90
55) Dibenzofuran	10.22	168	1416927	48.217	ng		97
56) 4-Nitrophenol	10.12	139	244597	57.719	ng		95
57) 2,4-Dinitrotoluene	10.20	165	352517	65.701	ng		92
58) Fluorene	10.56	166	1046889	48.938	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	290207	53.962	ng		93
60) Diethylphthalate	10.43	149	1155646	48.676	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	549918	49.350	ng		100
62) 4-Nitroaniline	10.59	138	313365	59.606	ng		94
63) Azobenzene	10.71	77	1151160	46.412	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	153348	73.579	ng		91
66) n-Nitrosodiphenylamine	10.67	169	1009463	46.609	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	334419	47.454	ng		97
68) Hexachlorobenzene	11.11	284	355668	47.328	ng	#	91
69) Atrazine	11.20	200	320241	47.337	ng		99
70) Pentachlorophenol	11.30	266	230730	53.949	ng		98
71) Phenanthrene	11.53	178	1549760	46.035	ng		99
72) Anthracene	11.58	178	1585010	46.831	ng		99
73) Carbazole	11.73	167	1541795	46.352	ng		99
74) Di-n-butylphthalate	12.05	149	1763980	47.518	ng		100
75) Fluoranthene	12.72	202	1586287	47.168	ng		99
77) Benzidine	12.84	184	632274	35.102	ng		100
78) Pyrene	12.95	202	1637753	47.465	ng		99
80) Butylbenzylphthalate	13.56	149	731995	52.473	ng		99
81) Benzo(a)anthracene	14.14	228	1337824	48.346	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	452115	46.604	ng		98
83) Chrysene	14.18	228	1247842	47.375	ng		100
84) Bis(2-ethylhexyl)phthalate	14.11	149	963605	52.496	ng		95
85) Di-n-octyl phthalate	14.73	149	1513826	58.497	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	994829	46.910	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	1052918	48.560	ng		100
89) Benzo(k)fluoranthene	15.25	252	1034174m	48.390	ng		
90) Benzo(a)pyrene	15.61	252	967632	48.522	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	827070	46.799	ng		98
92) Benzo(g,h,i)perylene	17.72	276	823713	46.130	ng		96

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

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